

```
In [ ]: ! pip install chembl_webresource_client
```

```
In [2]: # Import necessary libraries
import pandas as pd
from chembl_webresource_client.new_client import new_client
```

```
In [3]: #convert pubchemID to ChemBL ID
df_flu=pd.read_csv("fdb_molecules_22Nov.csv")
df_flu.head()
```

Out[3]:

	pubchem_id	molecular_weight	hbd_count	hba_count	xlogp	natural
0	4	75.111	2	2	-1.0	1
1	40	164.157	4	5	-1.6	0
2	47	130.143	1	3	1.1	0
3	49	116.116	1	3	0.7	1
4	51	146.098	2	5	-0.9	0

```
In [4]: df_flu.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 25595 entries, 0 to 25594
Data columns (total 6 columns):
#   Column                Non-Null Count  Dtype
---  -
0   pubchem_id            25595 non-null  int64
1   molecular_weight      25595 non-null  float64
2   hbd_count             25595 non-null  int64
3   hba_count             25595 non-null  int64
4   xlogp                 22932 non-null  float64
5   natural               25595 non-null  int64
dtypes: float64(2), int64(4)
memory usage: 1.2 MB
```

```
In [6]: df_nat=df_flu.loc[df_flu['natural'] == 1]
df_nat.reset_index(drop=True, inplace=True)
df_nat.info()
df_nat.head()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 2254 entries, 0 to 2253
Data columns (total 6 columns):
```

```

#   Column                Non-Null Count  Dtype
---  -
0   pubchem_id            2254 non-null    int64
1   molecular_weight       2254 non-null    float64
2   hbd_count              2254 non-null    int64
3   hba_count              2254 non-null    int64
4   xlogp                  2203 non-null    float64
5   natural                2254 non-null    int64
dtypes: float64(2), int64(4)
memory usage: 105.8 KB

```

Out[6]:

	pubchem_id	molecular_weight	hbd_count	hba_count	xlogp	natural
0	4	75.111	2	2	-1.0	1
1	49	116.116	1	3	0.7	1
2	58	102.089	1	3	0.1	1
3	70	130.143	1	3	0.9	1
4	72	154.121	3	4	1.1	1

Total fdb molecules were 25595 , natural molecules were only 2254 after conversion to chembl ids using Pubchem Identifier Exchange Service- Filename- "pubchem_tochembl.csv" . Only 1145 ids were left

```
In [10]: df_nat.to_csv('fdb_natural_2254.csv', index=False)
```

```
In [ ]: #####converted pubchem is to chembl ids####
```

```
In [11]: df_chem=pd.read_csv("pubchem_tochembl.csv")
df_chem.head()
```

Out[11]:

	pubchem_id	chembl_id
0	4	CHEMBL326602
1	49	CHEMBL146554
2	58	CHEMBL171246
3	70	CHEMBL445647
4	72	CHEMBL37537

In [12]: df_chem.info()

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 2260 entries, 0 to 2259
Data columns (total 2 columns):
#   Column      Non-Null Count  Dtype
---  ---
0   pubchem_id  2260 non-null   int64
1   chembl_id   1145 non-null   object
dtypes: int64(1), object(1)
memory usage: 35.4+ KB
```

In [13]: df_chem_nona=df_chem[df_chem.chembl_id.notna()]
df_chem_nona.reset_index(drop=True, inplace=True)
#df_chem_nona.chembl_id.str.strip()
df_chem_nona.info()
df_chem_nona.head()

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 1145 entries, 0 to 1144
Data columns (total 2 columns):
#   Column      Non-Null Count  Dtype
---  ---
0   pubchem_id  1145 non-null   int64
1   chembl_id   1145 non-null   object
dtypes: int64(1), object(1)
memory usage: 18.0+ KB
```

Out[13]:

	pubchem_id	chembl_id
0	4	CHEMBL326602
1	49	CHEMBL146554
2	58	CHEMBL171246
3	70	CHEMBL445647
4	72	CHEMBL37537

In [14]: merge_dfchem_pub=df_nat.merge(df_chem_nona, on="pubchem_id", how="inner")
merge_dfchem_pub.info()
merge_dfchem_pub.head()

```
<class 'pandas.core.frame.DataFrame'>
Int64Index: 1145 entries, 0 to 1144
Data columns (total 7 columns):
#   Column      Non-Null Count  Dtype
---  ---
```

```

0  pubchem_id      1145 non-null  int64
1  molecular_weight 1145 non-null  float64
2  hbd_count       1145 non-null  int64
3  hba_count       1145 non-null  int64
4  xlogp           1126 non-null  float64
5  natural         1145 non-null  int64
6  chembl_id       1145 non-null  object
dtypes: float64(2), int64(4), object(1)
memory usage: 71.6+ KB

```

Out[14]:

	pubchem_id	molecular_weight	hbd_count	hba_count	xlogp	natural	
0	4	75.111	2	2	-1.0	1	Cf
1	49	116.116	1	3	0.7	1	Cf
2	58	102.089	1	3	0.1	1	Cf
3	70	130.143	1	3	0.9	1	Cf
4	72	154.121	3	4	1.1	1	C

```

In [10]: molecules=list(merge_dfchem_pub['chembl_id'])
df2=merge_dfchem_pub
df2.to_csv('df2.csv', index= False)

```

```

In [11]: import pandas as pd # uses pandas python module to view and analyse
data
import requests # this is used to access json files

#=====
==#

# using a list of natural fdb chembl ids bioactivity data scraping,
Limit=5 records for each CHembl Id were scraped with Standard_type-
IC50
# standard_type IC50 was selected , since it is most widely used fo
r bioactivity prediction.

def find_bioactivities_for_molecules(molecules):

    limit = 5 # limit the number of records pulled back for each ur
l call xxx
    standard_type='IC50'
    url_stem = "https://www.ebi.ac.uk" #This is the stem of the url
    url_full_string = url_stem + "/chembl/api/data/activity.json?mo
lecule_chembl_id__in={}&limit={}&standard_type={}".format(molecules
,limit,standard_type) #This is the full url with the specified inpu

```

```

t parameters
    url_full = requests.get( url_full_string ).json() #This calls the
he information back from the API using the 'requests' module, and c
onverts it to json format
    url_activities = url_full['activities'] #This is a list of the
results for activities

    # This 'while' loop iterates over several pages of records (if
required), and collates the list of results
    while url_full['page_meta']['next']:
        url_full = requests.get(url_stem + url_full['page_meta']['n
ext']).json()
        url_activities = url_activities + url_full['activities'] #A
dd result (as a list) to previous list of results

    # Convert the list of results into a Pandas dataframe:
    act_df = pd.DataFrame(url_activities)

    # Print out some useful information:
    print("This is the url string that calls the 'Activities' API w
ith the initial query specification:\n{}".format(url_full_string) )
    print("\nThese are the available columns for the Activities AP
I:\n{}".format(act_df.columns))

    #Specify which columns to keep so that the size of the datafram
e becomes more manageable:
    act_df = act_df[[ 'target_chembl_id', 'target_organism', 'targe
t_pref_name'
                    , 'molecule_chembl_id', 'molecule_pref_name'
                    , 'pchembl_value', 'standard_type', 'standard_r
elation', 'standard_value', 'standard_units'
                    , 'assay_chembl_id']]

    return act_df

```

```

In [12]: dic={}
df=pd.DataFrame()
id_list=[]
for i in range(len(df2)):
    k=df2.chembl_id[i]
    #dic["%s"%(k)]=find_bioactivities_for_molecules(k)
    try:
        data=find_bioactivities_for_molecules(k)
        df=df.append(data)
    except KeyError as i:
        #print('Key Not Found in Employee Dictionary:',i)
    except KeyError:

```

continue

```
#id_list.append(dic["%s"%(i)])  
#print(len(id_list))
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL326602&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',  
      'bio_format', 'bio_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value',  
      'standard_type', 'standard_units', 'standard_upper_value',  
      'standard_value', 'target_chembl_id', 'target_organism',  
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',  
      'units', 'uo_units', 'upper_value', 'value'],  
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL146554&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL171246&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the

initial query specification:
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL445647&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL37537&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',  
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value',  
      'standard_type', 'standard_units', 'standard_upper_value',  
      'standard_value', 'target_chembl_id', 'target_organism',  
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',  
      'units', 'uo_units', 'upper_value', 'value'],  
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL851&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',  
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value',  
      'standard_type', 'standard_units', 'standard_upper_value',  
      'standard_value', 'target_chembl_id', 'target_organism',  
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',  
      'units', 'uo_units', 'upper_value', 'value'],  
      dtype='object')
```

```

ment_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_id',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_value',
    'standard_type', 'standard_units', 'standard_upper_value',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
    dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL96&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL96&limit=5&standard_type=IC50

```



```
embl_id__in=ChEMBL202132&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bao_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL14193&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bao_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

```

        'standard_type', 'standard_units', 'standard_upper_valu
e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL441343&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_propertie
s',
      'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
      'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_val
ue',
      'standard_type', 'standard_units', 'standard_upper_valu
e',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL539&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_propertie
s',
      'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',

```

```

        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL170365&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL16081&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3561873&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL14253&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint'],
        dtype='object')

```

```

        'bao_format', 'bao_label', 'canonical_smiles', 'data_val
        idity_comment',
        'data_validity_description', 'document_chembl_id', 'docu
        ment_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_i
        d',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
        mbl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relat
        ion', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_val
        ue',
        'standard_type', 'standard_units', 'standard_upper_valu
        e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
        d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1157&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bao_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toid', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL297569&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bio_format', 'bio_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL15972&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bio_format', 'bio_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

```

ion', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_val
ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL541&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'toid', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL720&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',

```

```

ao_endpoint',
    'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
    'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_val
ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1182&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_propertie
s',
    'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
    'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
    'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_val
ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],

```

```
dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL1478334&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL2312529&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL14245&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL14227&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',  
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value',  
      'standard_type', 'standard_units', 'standard_upper_value',  
      'standard_value', 'target_chembl_id', 'target_organism',  
      'target_pref_name', 'target_tax_id', 'text_value', 'toxicity'])
```



```
d', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL116736&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1261&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'text_value_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1231821&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL6466&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3183500&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_val
```

```

ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL161577&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'percentage_chembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'toxicity', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1232595&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL46931&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL424&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
```

```
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'to_i
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
    dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL298312&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL134886&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL324846&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1200739&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2105487&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL18407&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_val

```

```

        idity_comment',
            'data_validity_description', 'document_chembl_id', 'document_journal',
            'document_year', 'ligand_efficiency', 'molecule_chembl_id',
            'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
            'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
            'standard_flag', 'standard_relation', 'standard_text_value',
            'standard_type', 'standard_units', 'standard_upper_value',
            'standard_value', 'target_chembl_id', 'target_organism',
            'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
            'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL13766&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')

```

This is the url string that calls the 'Activities' API with the

initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1233860&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL275626&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL12198&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1200559&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:


```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bao_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL365809&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL89306&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bao_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',

```

```

        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1229937&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL120433&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the

initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL504&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bao_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL545&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bao_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
```

```

        'standard_flag', 'standard_relation', 'standard_text_val
ue',
        'standard_type', 'standard_units', 'standard_upper_valu
e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1162495&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL773&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',

```

```

        'bao_format', 'bao_label', 'canonical_smiles', 'data_val
        idity_comment',
        'data_validity_description', 'document_chembl_id', 'docu
        ment_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_i
        d',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
        mbl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relat
        ion', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_val
        ue',
        'standard_type', 'standard_units', 'standard_upper_valu
        e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
        d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL692&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL183419&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL71595&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bao_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',

```

```

d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_value',
    'standard_type', 'standard_units', 'standard_upper_value',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL537&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL297800&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL15844&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL82411&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

```

mbl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_value',
    'standard_type', 'standard_units', 'standard_upper_value',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
    dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL333714&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL274119&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL170721&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL14688&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL16293&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties'],
      dtype='object')

```



```

        'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
        'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_val
ue',
        'standard_type', 'standard_units', 'standard_upper_valu
e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL32571&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_propertie
s',
        'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
        'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_val
ue',
        'standard_type', 'standard_units', 'standard_upper_valu
e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',

```

```
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL26215&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL146755&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
        'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL82293&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
```

```

        'bao_format', 'bao_label', 'canonical_smiles', 'data_val
        idity_comment',
        'data_validity_description', 'document_chembl_id', 'docu
        ment_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_i
        d',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
        mbl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relat
        ion', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_val
        ue',
        'standard_type', 'standard_units', 'standard_upper_valu
        e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
        d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL25080&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL14060&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_propertie
s',
        'assay_chembl_id', 'assay_description', 'assay_type', 'b
        ao_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_val
        idity_comment',
        'data_validity_description', 'document_chembl_id', 'docu
        ment_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_i
        d',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
        mbl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relat
        ion', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_val
        ue',

```

```

        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1233464&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1044&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
        'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL610&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1187&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

```

        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_i
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL286398&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
        'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL14687&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL14021&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',

```

```

s',
    'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
    'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
    'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_val
ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL266158&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_propertie
s',
    'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
    'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
    'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_val
ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi

```

```
d', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1162144&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL15580&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL23894&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL23194&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL576&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_val
```

```

ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1235997&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL239243&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_propertie
s',
    'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
    'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
    'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_val
ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1547&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1236482&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL9113&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
```

```

        'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_val
ue',
        'standard_type', 'standard_units', 'standard_upper_valu
e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL439723&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL11257&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL13883&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_propertie
s',
        'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
        'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_val

```

```

ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL256087&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL328910&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_val

```

```

        idity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL271939&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1967951&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL346919&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
        'bio_format', 'bio_label', 'canonical_smiles', 'data_validity_description',
        'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',

```

```

        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL7303&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bao_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL93353&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1239&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',

```



```

        'target_pref_name', 'target_tax_id', 'text_value', 'to_i
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL55285&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL113&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',

```

```

d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_value',
    'standard_type', 'standard_units', 'standard_upper_value',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL706&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL15134&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type'],
      dtype='object')

```

```
        'units', 'uo_units', 'upper_value', 'value'],  
        dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL485259&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',  
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value',  
      'standard_type', 'standard_units', 'standard_upper_value',  
      'standard_value', 'target_chembl_id', 'target_organism',  
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',  
      'units', 'uo_units', 'upper_value', 'value'],  
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1231862&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1397305&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1397305&limit=5&standard_type=IC50
```

```
embl_id__in=ChEMBL16645&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL107498&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

```

        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toxicity',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL75124&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL272485&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
        'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toxicity',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL90039&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL42710&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

```

        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1950582&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'toiid', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL48310&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',

```

```

        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL582&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL110309&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bao_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```



```
d', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL108766&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL416&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
```

```

        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL108545&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL481044&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL174778&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL8320&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',

```

```

        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL19224&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL45068&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',

```

```

        'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
        'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_val
ue',
        'standard_type', 'standard_units', 'standard_upper_valu
e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL7983&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_propertie
s',
        'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
        'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_val
ue',
        'standard_type', 'standard_units', 'standard_upper_valu
e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',

```

```
        'units', 'uo_units', 'upper_value', 'value'],  
        dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL24147&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',  
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value',  
      'standard_type', 'standard_units', 'standard_upper_value',  
      'standard_value', 'target_chembl_id', 'target_organism',  
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',  
      'units', 'uo_units', 'upper_value', 'value'],  
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL242273&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',  
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value',  
      'standard_type', 'standard_units', 'standard_upper_value',  
      'standard_value', 'target_chembl_id', 'target_organism',  
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',  
      'units', 'uo_units', 'upper_value', 'value'],  
      dtype='object')
```

```

mbl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_value',
    'standard_type', 'standard_units', 'standard_upper_value',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
    dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL46403&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
    'assay_chembl_id', 'assay_description', 'assay_type', 'bao_endpoint',
    'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
    'data_validity_description', 'document_chembl_id', 'document_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_id',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_value',
    'standard_type', 'standard_units', 'standard_upper_value',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
    dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1114&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties

```

```

s',
    'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
    'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
    'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_val
ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1489254&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_propertie
s',
    'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
    'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
    'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_val
ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi

```



```
d', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL11608&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1276010&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
```

```

        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1682&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1222250&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bao_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
      )

```

```
dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL863&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL130&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
```

```

        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL274323&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL930&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',

```

```

        'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
        'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_val
ue',
        'standard_type', 'standard_units', 'standard_upper_valu
e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL8085&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_propertie
s',
        'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
        'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_val
ue',
        'standard_type', 'standard_units', 'standard_upper_valu
e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',

```

```
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL233248&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL253582&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

```

mbl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_value',
    'standard_type', 'standard_units', 'standard_upper_value',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL118722&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL448500&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL925&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',

```

```

        'standard_type', 'standard_units', 'standard_upper_valu
e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL245067&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_propertie
s',
      'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
      'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_val
ue',
      'standard_type', 'standard_units', 'standard_upper_valu
e',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL752&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_propertie
s',
      'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',

```



```

        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL291962&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL417016&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL301523&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_val
```

```

ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL107&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL280331&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_val

```

```

        idity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1200941&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL25028&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
        'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',

```

```
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'to_i
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
    dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1355&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL689&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_propertie
s',
    'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
    'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
    'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_val
ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
    dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1908365&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL17962&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bio_format', 'bio_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL14568&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL54976&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bio_format', 'bio_label', 'canonical_smiles', 'data_val
```

```

    idity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
    dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1485&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')

```

This is the url string that calls the 'Activities' API with the

initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL14449&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL14449&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL45967&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL45967&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index(['activity_comment', 'activity_id', 'activity_propertie
s',
 'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
 'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
 'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
 'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
 'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
 'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
 'standard_flag', 'standard_relation', 'standard_text_val
ue',
 'standard_type', 'standard_units', 'standard_upper_valu
e',
 'standard_value', 'target_chembl_id', 'target_organism',
 'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
 'units', 'uo_units', 'upper_value', 'value'],
 dtype='object')`

This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1743219&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1743219&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL117080&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL117080&limit=5&standard_type=IC50)

These are the available columns for the Activities API:


```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL1897156&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL44658&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL1439452&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL506184&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL464988&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3185164&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL1882894&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3183871&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL25306&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',  
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value',  
      'standard_type', 'standard_units', 'standard_upper_value',  
      'standard_value', 'target_chembl_id', 'target_organism',  
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',  
      'units', 'uo_units', 'upper_value', 'value'],  
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL269630&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL269630&limit=5&standard_type=IC50
```

```
embl_id__in=ChEMBL1404017&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL45462&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL15849&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL14079&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL108778&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bao_endpoint',  
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value',  
      'standard_type', 'standard_units', 'standard_upper_value'])
```

```
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'to_i
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
    dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2268550&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1651998&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1414114&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1513871&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL442565&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1329793&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL388558&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'toxicity'])
```

```
d', 'type',  
      'units', 'uo_units', 'upper_value', 'value'],  
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL1370662&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL1409791&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL2260718&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL1332922&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL184290&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL1232797&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint'],  
      dtype='object')
```

```

        'bao_format', 'bao_label', 'canonical_smiles', 'data_val
        idity_comment',
        'data_validity_description', 'document_chembl_id', 'docu
        ment_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_i
        d',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
        mbl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relat
        ion', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_val
        ue',
        'standard_type', 'standard_units', 'standard_upper_valu
        e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
        d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL401911&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bao_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toid', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL30018&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bio_format', 'bio_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL541939&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bio_format', 'bio_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```



```

ion', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_val
ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
    dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1719455&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2252746&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1898498&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL29411&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_propertie
s',
    'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
    'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
    'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pche

```

```

mbl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_value',
    'standard_type', 'standard_units', 'standard_upper_value',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL108925&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bao_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL383808&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',

```

```

s',
    'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
    'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
    'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_val
ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL109652&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1668603&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL14474&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_propertie
s',
    'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
    'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',

```

```

        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL195895&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1412508&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL14092&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL108861&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
```

```

        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL108299&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
        'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3182715&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3730701&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL1397202&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL193446&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL16435&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL379845&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL510714&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint'],  
      dtype='object')
```

```

        'bao_format', 'bao_label', 'canonical_smiles', 'data_val
        idity_comment',
        'data_validity_description', 'document_chembl_id', 'docu
        ment_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_i
        d',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
        mbl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relat
        ion', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_val
        ue',
        'standard_type', 'standard_units', 'standard_upper_valu
        e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
        d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1200370&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2260711&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2252208&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL573781&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_propertie
s',

```



```

        'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
        'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_val
ue',
        'standard_type', 'standard_units', 'standard_upper_valu
e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL510309&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_propertie
s',
        'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
        'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_val
ue',
        'standard_type', 'standard_units', 'standard_upper_valu
e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',

```

```
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL45005&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1797280&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL192008&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL192008&limit=5&standard_type=IC50
```

embl_id__in=ChEMBL192591&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch embl_id__in=ChEMBL2270060&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch embl_id__in=ChEMBL45315&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch embl_id__in=ChEMBL95681&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch embl_id__in=ChEMBL1234459&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch embl_id__in=ChEMBL29873&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch embl_id__in=ChEMBL1351619&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL1204680&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL295870&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3186323&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3188433&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL273782&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',  
      'bio_format', 'bio_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value'],  
      dtype='object')
```

```

        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2287521&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL308187&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
        'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL189362&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3560314&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL328441&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

```

mbl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_value',
    'standard_type', 'standard_units', 'standard_upper_value',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
    dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL16217&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bao_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL508917&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL274467&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bio_format', 'bio_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1385229&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL15676&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL325372&limit=5&standard_type=IC50
```


These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3188459&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL449693&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2251642&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
```

```
embl_id__in=ChEMBL442915&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bao_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL29966&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bao_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

```

        'standard_type', 'standard_units', 'standard_upper_valu
e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL201083&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_propertie
s',
        'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
        'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_val
ue',
        'standard_type', 'standard_units', 'standard_upper_valu
e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL401912&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_propertie
s',
        'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',

```

```

        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL21932&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL371561&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL371561&limit=5&standard_type=IC50)

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL285235&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL285235&limit=5&standard_type=IC50)

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1224557&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1224557&limit=5&standard_type=IC50)

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',  
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value',  
      'standard_type', 'standard_units', 'standard_upper_value',  
      'standard_value', 'target_chembl_id', 'target_organism',  
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',  
      'units', 'uo_units', 'upper_value', 'value'],  
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL278024&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL278024&limit=5&standard_type=IC50)

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL192899&limit=5&standard_type=IC50

These are the available columns for the Activities API:

`Index([], dtype='object')`

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL279305&limit=5&standard_type=IC50

These are the available columns for the Activities API:

`Index([], dtype='object')`

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3183743&limit=5&standard_type=IC50

These are the available columns for the Activities API:

`Index([], dtype='object')`

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3189123&limit=5&standard_type=IC50

These are the available columns for the Activities API:

`Index([], dtype='object')`

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL38934&limit=5&standard_type=IC50

These are the available columns for the Activities API:

`Index([], dtype='object')`

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3183476&limit=5&standard_type=IC50

These are the available columns for the Activities API:

`Index([], dtype='object')`

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3183441&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL2252087&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3561355&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3183179&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3184059&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3184025&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3184929&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL152299&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3187974&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL286062&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3184606&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3185876&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3559967&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL440161&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_propertie  
s',
```

```
      'assay_chembl_id', 'assay_description', 'assay_type', 'b  
ao_endpoint',
```

```
      'bao_format', 'bao_label', 'canonical_smiles', 'data_val
```



```

        idity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL191935&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the

initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL195827&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL31637&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL190927&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

```

ment_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_id',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_value',
    'standard_type', 'standard_units', 'standard_upper_value',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
    dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL227181&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL154155&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
    'assay_chembl_id', 'assay_description', 'assay_type', 'bao_endpoint',
    'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
    'data_validity_description', 'document_chembl_id', 'document_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_id',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_value',
    'standard_type', 'standard_units', 'standard_upper_value',
    'standard_value', 'target_chembl_id', 'target_organism',

```

```

        'target_pref_name', 'target_tax_id', 'text_value', 'to_i
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL294431&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL365316&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',

```

```

d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_value',
    'standard_type', 'standard_units', 'standard_upper_value',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL44115&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1789215&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL177114&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL44800&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1338583&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL276218&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bio_format', 'bio_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3184928&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3181881&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1907995&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL447944&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3187370&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3184220&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3187842&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3185284&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL31561&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
```

```
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
```

```

        'bao_format', 'bao_label', 'canonical_smiles', 'data_val
        idity_comment',
        'data_validity_description', 'document_chembl_id', 'docu
        ment_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_i
        d',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
        mbl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relat
        ion', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_val
        ue',
        'standard_type', 'standard_units', 'standard_upper_valu
        e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
        d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL556489&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL537970&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL721&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bao_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',

```



```

d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_value',
    'standard_type', 'standard_units', 'standard_upper_value',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1236818&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL14409&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL234926&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bao_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',

```

```

        'standard_flag', 'standard_relation', 'standard_text_val
ue',
        'standard_type', 'standard_units', 'standard_upper_valu
e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3186027&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_propertie
s',
        'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
        'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_val
ue',
        'standard_type', 'standard_units', 'standard_upper_valu
e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL42003&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch

```

```
embl_id__in=ChEMBL45345&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3186475&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL285323&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL1608674&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL1305819&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL195593&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',  
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id'],  
      dtype='object')
```

```

        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL286727&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bao_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL22976&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL1986332&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3183097&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL1797281&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3187831&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3182186&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL16200&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL32010&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL18850&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL119405&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL15732&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL15732&limit=5&standard_type=IC50
```

embl_id__in=ChEMBL479791&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch embl_id__in=ChEMBL268736&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch embl_id__in=ChEMBL44857&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch embl_id__in=ChEMBL16102&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch embl_id__in=ChEMBL13968&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch embl_id__in=ChEMBL3188256&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch embl_id__in=ChEMBL1189&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL44215&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL16225&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL276521&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL46999&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```


This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL207602&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3184829&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2137647&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL18893&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'type'],
      dtype='object')
```

```
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL15939&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL18602&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
        'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2270393&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2270393&limit=5&standard_type=IC50
```

```
embl_id__in=ChEMBL15487&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3183908&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL18549&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_propertie  
s',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'b  
ao_endpoint',  
      'bao_format', 'bao_label', 'canonical_smiles', 'data_val  
idity_comment',  
      'data_validity_description', 'document_chembl_id', 'docu  
ment_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_i  
d',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pche  
mbl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relat  
ion', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_val  
ue',  
      'standard_type', 'standard_units', 'standard_upper_valu  
e',  
      'standard_value', 'target_chembl_id', 'target_organism',  
      'target_pref_name', 'target_tax_id', 'text_value', 'toi  
d', 'type',  
      'units', 'uo_units', 'upper_value', 'value'],  
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL320358&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_propertie  
s',
```

```

        'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
        'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_val
ue',
        'standard_type', 'standard_units', 'standard_upper_valu
e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL14085&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL153339&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_propertie
s',
        'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
        'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',

```

```

        'standard_flag', 'standard_relation', 'standard_text_val
ue',
        'standard_type', 'standard_units', 'standard_upper_valu
e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL273459&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL18104&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_propertie
s',
        'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
        'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_val
ue',
        'standard_type', 'standard_units', 'standard_upper_valu
e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch

```

```
embl_id__in=ChEMBL1591973&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1894365&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL335900&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL108436&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
```

```

        'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
        'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_val
ue',
        'standard_type', 'standard_units', 'standard_upper_valu
e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2228455&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2141776&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1236582&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2228456&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2228458&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2270392&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL25363&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2228377&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL108030&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',  
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relationships']  
      , dtype='object')
```



```

ion', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_val
ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
    dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL335125&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL30959&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL444525&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1236576&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3185269&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch

```

embl_id__in=ChEMBL24722&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch embl_id__in=ChEMBL2228373&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch embl_id__in=ChEMBL2228460&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch embl_id__in=ChEMBL24832&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch embl_id__in=ChEMBL24022&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch embl_id__in=ChEMBL4245903&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch embl_id__in=ChEMBL502773&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1160012&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1160012&limit=5&standard_type=IC50)

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL460124&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL460124&limit=5&standard_type=IC50)

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2251610&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2251610&limit=5&standard_type=IC50)

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_propertie  
s',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'b  
ao_endpoint',  
      'bao_format', 'bao_label', 'canonical_smiles', 'data_val  
idity_comment',  
      'data_validity_description', 'document_chembl_id', 'docu  
ment_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_i  
d',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pche  
mbl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relat  
ion', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_val  
ue',  
      'standard_type', 'standard_units', 'standard_upper_valu  
e',  
      'standard_value', 'target_chembl_id', 'target_organism',  
      'target_pref_name', 'target_tax_id', 'text_value', 'toi  
d', 'type',  
      'units', 'uo_units', 'upper_value', 'value'],  
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL31422&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL31422&limit=5&standard_type=IC50)

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_propertie
```

```

s',
    'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
    'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
    'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_val
ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3187012&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_propertie
s',
    'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
    'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
    'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_val
ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi

```

```
d', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL12315&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL333179&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'text_value_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1088937&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'text_value_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

```

ao_endpoint',
    'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
    'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_val
ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3185936&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL15841&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL271663&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
    'assay_chembl_id', 'assay_description', 'assay_type', 'bao_endpoint',
    'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
    'data_validity_description', 'document_chembl_id', 'document_journal',

```

```

        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL18620&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
        'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL508676&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL120568&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1762668&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL271871&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL387326&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL387326&limit=5&standard_type=IC50)

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1493986&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1493986&limit=5&standard_type=IC50)

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL225303&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL225303&limit=5&standard_type=IC50)

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_propertie  
s',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'b  
ao_endpoint',  
      'bao_format', 'bao_label', 'canonical_smiles', 'data_val  
idity_comment',  
      'data_validity_description', 'document_chembl_id', 'docu  
ment_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_i  
d',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pche  
mbl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relat  
ion', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_val  
ue',  
      'standard_type', 'standard_units', 'standard_upper_valu  
e',  
      'standard_value', 'target_chembl_id', 'target_organism',  
      'target_pref_name', 'target_tax_id', 'text_value', 'toi  
d', 'type',  
      'units', 'uo_units', 'upper_value', 'value'],  
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL396295&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL396295&limit=5&standard_type=IC50)

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_propertie
```

```

s',
    'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
    'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
    'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_val
ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1868953&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3182595&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL451923&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3183988&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3184678&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2104112&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL222021&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3184678&limit=5&standard_type=IC50
```

```
embl_id__in=ChEMBL1233714&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3560735&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL501246&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL470671&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',  
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value',  
      'standard_type', 'standard_units', 'standard_upper_value',  
      'standard_value', 'target_chembl_id', 'target_organism',  
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',  
      'units', 'uo_units', 'upper_value', 'value'],  
      dtype='object')
```

This is the url string that calls the 'Activities' API with the

initial query specification:
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL52084&limit=5&standard_type=IC50

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the initial query specification:
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3185956&limit=5&standard_type=IC50

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the initial query specification:
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3185221&limit=5&standard_type=IC50

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the initial query specification:
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL395827&limit=5&standard_type=IC50

These are the available columns for the Activities API:
`Index(['activity_comment', 'activity_id', 'activity_properties', 'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint', 'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment', 'data_validity_description', 'document_chembl_id', 'document_journal', 'document_year', 'ligand_efficiency', 'molecule_chembl_id', 'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value', 'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id', 'standard_flag', 'standard_relation', 'standard_text_value', 'standard_type', 'standard_units', 'standard_upper_value', 'standard_value', 'target_chembl_id', 'target_organism', 'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type', 'units', 'uo_units', 'upper_value', 'value'],`

```
dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL14152&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',  
      'bio_format', 'bio_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value',  
      'standard_type', 'standard_units', 'standard_upper_value',  
      'standard_value', 'target_chembl_id', 'target_organism',  
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',  
      'units', 'uo_units', 'upper_value', 'value'],  
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3185916&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3184842&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL169176&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3188902&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL14184&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL134658&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL139055&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2228454&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL24563&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2228457&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL15245&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bio_format', 'bio_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value'],
      dtype='object')
```



```

        'standard_type', 'standard_units', 'standard_upper_valu
e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL80257&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL402812&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL544&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_propertie
s',
        'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
        'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_val
ue',
        'standard_type', 'standard_units', 'standard_upper_valu
e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',

```

```
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1668604&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1453648&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
       'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
       'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
       'data_validity_description', 'document_chembl_id', 'document_journal',
       'document_year', 'ligand_efficiency', 'molecule_chembl_id',
       'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
       'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
       'standard_flag', 'standard_relation', 'standard_text_value',
       'standard_type', 'standard_units', 'standard_upper_value',
       'standard_value', 'target_chembl_id', 'target_organism',
       'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
       'units', 'uo_units', 'upper_value', 'value'],
       dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3907604&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3907604&limit=5&standard_type=IC50
```

```
embl_id__in=ChEMBL2252486&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL292303&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',  
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value',  
      'standard_type', 'standard_units', 'standard_upper_value',  
      'standard_value', 'target_chembl_id', 'target_organism',  
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',  
      'units', 'uo_units', 'upper_value', 'value'],  
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL311498&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',  
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
```

```

d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_value',
    'standard_type', 'standard_units', 'standard_upper_value',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL15605&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL15797&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL1366925&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3187172&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL117181&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3039186&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL46340&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL1952257&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL116960&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2288022&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL470874&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL458690&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1672002&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL370688&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_val
```

```

ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL166223&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL4169727&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL281202&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'toxicity'])

```



```
d', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL53566&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2288023&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL568737&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL332887&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL332887&limit=5&standard_type=IC50)

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3183037&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3183037&limit=5&standard_type=IC50)

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL453797&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL453797&limit=5&standard_type=IC50)

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL443408&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL443408&limit=5&standard_type=IC50)

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3120653&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3120653&limit=5&standard_type=IC50)

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1560118&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1560118&limit=5&standard_type=IC50)

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL275638&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL275638&limit=5&standard_type=IC50)

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_propertie  
s',
```

```

        'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
        'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_val
ue',
        'standard_type', 'standard_units', 'standard_upper_valu
e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1487138&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL49732&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_propertie
s',
        'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
        'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',

```

```

        'standard_flag', 'standard_relation', 'standard_text_val
ue',
        'standard_type', 'standard_units', 'standard_upper_valu
e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3183607&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1445555&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL444711&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL23025&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL47483&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3182933&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3187784&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3183048&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL115725&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL45235&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL2251727&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL449522&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
```

```
embl_id__in=ChEMBL3561568&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL111077&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',  
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value',  
      'standard_type', 'standard_units', 'standard_upper_value',  
      'standard_value', 'target_chembl_id', 'target_organism',  
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',  
      'units', 'uo_units', 'upper_value', 'value'],  
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL134994&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL2251601&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the

initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3183973&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3183973&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3039425&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3039425&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL444254&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL444254&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL396000&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL396000&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3184952&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3184952&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL507795&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL507795&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3183920&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3183920&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL30106&limit=5&standard_type=IC50

These are the available columns for the Activities API:

`Index([], dtype='object')`

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL192258&limit=5&standard_type=IC50

These are the available columns for the Activities API:

`Index([], dtype='object')`

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1946183&limit=5&standard_type=IC50

These are the available columns for the Activities API:

`Index([], dtype='object')`

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL454697&limit=5&standard_type=IC50

These are the available columns for the Activities API:

`Index([], dtype='object')`

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3184187&limit=5&standard_type=IC50

These are the available columns for the Activities API:

`Index([], dtype='object')`

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL452729&limit=5&standard_type=IC50

These are the available columns for the Activities API:

`Index([], dtype='object')`

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL487998&limit=5&standard_type=IC50

These are the available columns for the Activities API:


```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3561586&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL450417&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL18360&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',  
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'parent_molecule_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value',  
      'standard_type', 'standard_units', 'standard_upper_value',  
      'standard_value', 'target_chembl_id', 'target_organism',  
      'target_pref_name', 'target_tax_id', 'text_value', 'text_value_id', 'type',  
      'units', 'uo_units', 'upper_value', 'value'],  
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL478640&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL22585&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',  
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value',  
      'standard_type', 'standard_units', 'standard_upper_value',  
      'standard_value', 'target_chembl_id', 'target_organism',  
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',  
      'units', 'uo_units', 'upper_value', 'value'],  
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1235931&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL195861&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1814588&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2270394&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL170458&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
```

```

        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL480097&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3360549&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
        'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

```
d', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL443470&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL192809&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2269086&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL276849&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_propertie
s',
      'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
      'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_val
ue',
      'standard_type', 'standard_units', 'standard_upper_valu
e',
```

```

        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_i
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL173373&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2230304&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL225153&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1522321&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL46678&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL15859&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3188103&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1347061&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3184082&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1416448&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL45425&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3182412&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL47769&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3561042&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL454517&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL135694&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL135488&limit=5&standard_type=IC50
```


These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL1234557&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3182381&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL26561&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3185332&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL107874&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bao_endpoint',  
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value'],  
      dtype='object')
```

```

        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL532&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3187976&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the

initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL225569&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL225569&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL35297&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL35297&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1230308&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1230308&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL4172502&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL4172502&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3189076&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3189076&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3182950&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3182950&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL47127&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL47127&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index(['activity_comment', 'activity_id', 'activity_propertie`

```

s',
    'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
    'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
    'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_val
ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1566946&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL192458&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_propertie
s',
    'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
    'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
    'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relat

```

```

ion', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_val
ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3182050&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL95973&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_propertie
s',
    'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
    'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
    'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_val
ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3182189&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL365740&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bio_format', 'bio_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3561140&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2106111&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```



```

ment_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_id',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_value',
    'standard_type', 'standard_units', 'standard_upper_value',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
    dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2260721&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL460025&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
    'assay_chembl_id', 'assay_description', 'assay_type', 'bao_endpoint',
    'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
    'data_validity_description', 'document_chembl_id', 'document_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_id',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_value',
    'standard_type', 'standard_units', 'standard_upper_value',
    'standard_value', 'target_chembl_id', 'target_organism',

```



```

        'target_pref_name', 'target_tax_id', 'text_value', 'to_i
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL56395&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_propertie
s',
        'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
        'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_val
ue',
        'standard_type', 'standard_units', 'standard_upper_valu
e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2229658&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1414126&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the

initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2424841&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2424841&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3182596&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3182596&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3186281&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3186281&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL132474&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL132474&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL11945&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL11945&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL303697&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL303697&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index(['activity_comment', 'activity_id', 'activity_properties',
'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
'data_validity_description', 'document_chembl_id', 'document_journal',`

```

        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL4218890&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1789306&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3560443&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3139347&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL455506&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL2268554&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3186822&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL2104397&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL501351&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL441687&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',  
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'parent_molecule_value'],  
      dtype='object')
```

```

        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3617994&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3187231&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the

initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1487817&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1487817&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1506228&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1506228&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1907996&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1907996&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1882821&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1882821&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL134537&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL134537&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2252095&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2252095&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL123040&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL123040&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index(['activity_comment', 'activity_id', 'activity_propertie`

```

s',
    'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
    'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
    'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_val
ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2260713&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL469537&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL4162810&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL366603&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3187351&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL470670&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```



```

mbl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_value',
    'standard_type', 'standard_units', 'standard_upper_value',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL501949&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL151649&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bao_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL195215&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bio_format', 'bio_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1355077&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3187477&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3182738&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL449810&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3182794&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL290007&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3186884&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL329881&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL1236925&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL97794&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3188615&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL2269084&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL333298&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3187568&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL452687&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3183573&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
```

```
embl_id__in=ChEMBL3187919&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL173521&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',  
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value',  
      'standard_type', 'standard_units', 'standard_upper_value',  
      'standard_value', 'target_chembl_id', 'target_organism',  
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',  
      'units', 'uo_units', 'upper_value', 'value'],  
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3186302&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3182720&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the

initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3187497&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3187497&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL510068&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL510068&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1331840&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1331840&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1789229&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1789229&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1887227&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1887227&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2270634&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2270634&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2260710&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2260710&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3234723&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL105912&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL96425&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2268553&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL15799&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3222023&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL45065&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL2228472&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3187323&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL2260717&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL333973&limit=5&standard_type=IC50
```


These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3305989&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3188292&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL1558498&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL1644029&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL2106566&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL1206211&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
```

embl_id__in=ChEMBL3561573&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch embl_id__in=ChEMBL2228568&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch embl_id__in=ChEMBL94558&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch embl_id__in=ChEMBL95123&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch embl_id__in=ChEMBL506854&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch embl_id__in=ChEMBL3186524&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch embl_id__in=ChEMBL97525&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL95102&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL95102&limit=5&standard_type=IC50)

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL328856&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL328856&limit=5&standard_type=IC50)

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL276311&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL276311&limit=5&standard_type=IC50)

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL320146&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL320146&limit=5&standard_type=IC50)

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2271411&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2271411&limit=5&standard_type=IC50)

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3187840&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3187840&limit=5&standard_type=IC50)

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL327303&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL327303&limit=5&standard_type=IC50)

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the

initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL94736&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL94736&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL254585&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL254585&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1904383&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1904383&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3273568&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3273568&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1159645&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1159645&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1730107&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1730107&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3560993&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3560993&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3188662&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3183519&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL25894&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3185609&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1867360&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL473366&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',  
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value',  
      'standard_type', 'standard_units', 'standard_upper_value',  
      'standard_value', 'target_chembl_id', 'target_organism',  
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',  
      'units', 'uo_units', 'upper_value', 'value'],  
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1606391&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1606391&limit=5&standard_type=IC50
```

```
embl_id__in=ChEMBL3187866&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL108475&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',  
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value',  
      'standard_type', 'standard_units', 'standard_upper_value',  
      'standard_value', 'target_chembl_id', 'target_organism',  
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',  
      'units', 'uo_units', 'upper_value', 'value'],  
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL161598&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',  
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
```

```

d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_value',
    'standard_type', 'standard_units', 'standard_upper_value',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2270061&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL369243&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3187336&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL94709&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL455491&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:


```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3182048&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL372396&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL2229585&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL22830&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL284391&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL42013&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL207555&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL207549&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL2228376&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL2228569&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3185292&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL146&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',  
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'parent_molecule_value'],  
      dtype='object')
```

```

        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL257332&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3188899&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3188160&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL97355&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL575060&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'b

```

```

ao_endpoint',
    'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
    'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_val
ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL328465&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL96852&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3186540&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL503899&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3188696&limit=5&standard_type=IC50

These are the available columns for the Activities API:

`Index([], dtype='object')`

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3182352&limit=5&standard_type=IC50

These are the available columns for the Activities API:

`Index([], dtype='object')`

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1991946&limit=5&standard_type=IC50

These are the available columns for the Activities API:

`Index([], dtype='object')`

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3275138&limit=5&standard_type=IC50

These are the available columns for the Activities API:

`Index([], dtype='object')`

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3184459&limit=5&standard_type=IC50

These are the available columns for the Activities API:

`Index([], dtype='object')`

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL319497&limit=5&standard_type=IC50

These are the available columns for the Activities API:

`Index([], dtype='object')`

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2260709&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL364588&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3185401&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL1303827&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3184371&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3184983&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL453815&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3182849&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3185940&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3183495&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',  
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value',  
      'standard_type', 'standard_units', 'standard_upper_value',  
      'standard_value', 'target_chembl_id', 'target_organism',  
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',  
      'units', 'uo_units', 'upper_value', 'value'],  
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL321211&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL321211&limit=5&standard_type=IC50
```

embl_id__in=ChEMBL2260714&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch embl_id__in=ChEMBL3186579&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch embl_id__in=ChEMBL3188181&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch embl_id__in=ChEMBL3186660&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch embl_id__in=ChEMBL3184950&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch embl_id__in=ChEMBL1374805&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch embl_id__in=ChEMBL3560312&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=CHEMBL47155&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=CHEMBL2252121&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=CHEMBL2270391&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=CHEMBL372447&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=CHEMBL371371&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=CHEMBL225343&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=CHEMBL3185204&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the

initial query specification:
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3273567&limit=5&standard_type=IC50

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the initial query specification:
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2268884&limit=5&standard_type=IC50

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the initial query specification:
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3186486&limit=5&standard_type=IC50

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the initial query specification:
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL248594&limit=5&standard_type=IC50

These are the available columns for the Activities API:
`Index(['activity_comment', 'activity_id', 'activity_properties',
 'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
 'bio_format', 'bio_label', 'canonical_smiles', 'data_validity_comment',
 'data_validity_description', 'document_chembl_id', 'document_journal',
 'document_year', 'ligand_efficiency', 'molecule_chembl_id',
 'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
 'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
 'standard_flag', 'standard_relation', 'standard_text_value',
 'standard_type', 'standard_units', 'standard_upper_value',
 'standard_value', 'target_chembl_id', 'target_organism',
 'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
 'units', 'uo_units', 'upper_value', 'value'],`

```
dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3185758&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3188412&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL358850&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',  
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value',  
      'standard_type', 'standard_units', 'standard_upper_value',  
      'standard_value', 'target_chembl_id', 'target_organism',  
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',  
      'units', 'uo_units', 'upper_value', 'value'],  
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1894194&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3188960&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3183686&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL119603&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3188298&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3186212&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3182614&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
```

embl_id__in=ChEMBL3186269&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch embl_id__in=ChEMBL1789171&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch embl_id__in=ChEMBL3185445&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch embl_id__in=ChEMBL3183829&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch embl_id__in=ChEMBL3183410&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch embl_id__in=ChEMBL3181874&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch embl_id__in=ChEMBL3188389&limit=5&standard_type=IC50

These are the available columns for the Activities API:

Index([], dtype='object')

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3184429&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL4297450&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3186484&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL264141&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',  
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value',  
      'standard_type', 'standard_units', 'standard_upper_value',  
      'standard_value', 'target_chembl_id', 'target_organism',  
      'target_pref_name', 'target_tax_id', 'text_value', 'type',  
      'units', 'uo_units', 'upper_value', 'value'],  
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3728427&limit=5&standard_type=IC50

These are the available columns for the Activities API:

`Index([], dtype='object')`

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3187606&limit=5&standard_type=IC50

These are the available columns for the Activities API:

`Index([], dtype='object')`

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3182254&limit=5&standard_type=IC50

These are the available columns for the Activities API:

`Index([], dtype='object')`

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL349881&limit=5&standard_type=IC50

These are the available columns for the Activities API:

`Index([], dtype='object')`

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3186900&limit=5&standard_type=IC50

These are the available columns for the Activities API:

`Index([], dtype='object')`

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1812853&limit=5&standard_type=IC50

These are the available columns for the Activities API:

`Index([], dtype='object')`

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3186512&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1870000&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3185688&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1097205&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1614854&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'toxicity'])
```



```
d', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL297453&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL125743&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

```

        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL266625&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL517016&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bao_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
      )

```

```
dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1974890&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',  
      'bio_format', 'bio_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value',  
      'standard_type', 'standard_units', 'standard_upper_value',  
      'standard_value', 'target_chembl_id', 'target_organism',  
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',  
      'units', 'uo_units', 'upper_value', 'value'],  
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1409937&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL372105&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL450288&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL118062&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL4288485&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL73930&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

```

ao_endpoint',
    'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
    'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_val
ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL108862&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_propertie
s',
    'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
    'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
    'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_val
ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],

```

```
dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3593941&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1079147&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL21824&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1814589&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',  
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value',  
      'standard_type', 'standard_units', 'standard_upper_value',  
      'standard_value', 'target_chembl_id', 'target_organism',  
      'target_pref_name', 'target_tax_id', 'text_value', 'toxicity'])
```

```
d', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1232386&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL350966&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2272092&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL285123&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL66693&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_val
```



```

ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL104875&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1076637&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_val

```

```

        'activity_id', 'activity_type', 'activity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL379630&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the

initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1201068&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1201068&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL583912&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL583912&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index(['activity_comment', 'activity_id', 'activity_propertie
s',
 'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
 'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
 'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
 'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
 'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
 'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
 'standard_flag', 'standard_relation', 'standard_text_val
ue',
 'standard_type', 'standard_units', 'standard_upper_valu
e',
 'standard_value', 'target_chembl_id', 'target_organism',
 'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
 'units', 'uo_units', 'upper_value', 'value'],
 dtype='object')`

This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL47386&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL47386&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index(['activity_comment', 'activity_id', 'activity_propertie
s',
 'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
 'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
 'data_validity_description', 'document_chembl_id', 'docu`

```

ment_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_id',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_value',
    'standard_type', 'standard_units', 'standard_upper_value',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
    dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL366460&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL366460&limit=5&standard_type=IC50

```

```
embl_id__in=ChEMBL76447&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2368547&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

```

        'standard_type', 'standard_units', 'standard_upper_valu
e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1080178&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2208211&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1081721&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1947232&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL97593&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3593942&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL298717&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bio_format', 'bio_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3593576&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2285739&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2151143&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL277871&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',  
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value',  
      'standard_type', 'standard_units', 'standard_upper_value',  
      'standard_value', 'target_chembl_id', 'target_organism',  
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',  
      'units', 'uo_units', 'upper_value', 'value'],  
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL464709&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3182701&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1236329&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL29757&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bio_format', 'bio_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL118504&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bio_format', 'bio_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
```

```

        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1234268&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
        'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3185240&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3593943&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3186132&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL2004717&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_propertie  
s',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'b  
ao_endpoint',  
      'bao_format', 'bao_label', 'canonical_smiles', 'data_val  
idity_comment',  
      'data_validity_description', 'document_chembl_id', 'docu  
ment_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_i  
d',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pche  
mbl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relat  
ion', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_val  
ue',  
      'standard_type', 'standard_units', 'standard_upper_valu  
e',
```

```

        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL88244&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'toiid', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL198877&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',

```

```

        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2268547&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1236183&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2287241&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL4210821&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',

```

```

        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL510535&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL518542&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3120654&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL469654&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint'],
        dtype='object')

```

```

        'bao_format', 'bao_label', 'canonical_smiles', 'data_val
        idity_comment',
        'data_validity_description', 'document_chembl_id', 'docu
        ment_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_i
        d',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
        mbl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relat
        ion', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_val
        ue',
        'standard_type', 'standard_units', 'standard_upper_valu
        e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
        d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL171281&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1990994&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1988732&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3189103&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the

initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2071440&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3120645&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3560208&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1592541&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:


```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL1968792&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3183970&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3732724&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL2289230&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL1907993&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3109299&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL1530328&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3728760&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3186375&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL448805&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL2229207&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',  
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value',  
      'standard_type', 'standard_units', 'standard_upper_value',  
      'standard_value', 'target_chembl_id', 'target_organism',
```

```

        'target_pref_name', 'target_tax_id', 'text_value', 'to_i
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL330546&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL36327&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',

```

```

d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_value',
    'standard_type', 'standard_units', 'standard_upper_value',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL486422&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3183581&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL19344&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL1408113&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL52416&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL226507&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',  
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value',  
      'standard_type', 'standard_units', 'standard_upper_value',  
      'standard_value', 'target_chembl_id', 'target_organism',
```

```

        'target_pref_name', 'target_tax_id', 'text_value', 'to_i
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL54922&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1232207&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',

```

```

d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_value',
    'standard_type', 'standard_units', 'standard_upper_value',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL303483&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL573448&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type'],
      dtype='object')

```

```
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1661&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL504760&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```



```

mbl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_value',
    'standard_type', 'standard_units', 'standard_upper_value',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2228955&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL487213&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
    'assay_chembl_id', 'assay_description', 'assay_type', 'bao_endpoint',
    'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
    'data_validity_description', 'document_chembl_id', 'document_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_id',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_value',
    'standard_type', 'standard_units', 'standard_upper_value',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL574688&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bio_format', 'bio_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL237994&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bio_format', 'bio_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

```

ion', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_val
ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2288883&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL517449&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_propertie
s',
    'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
    'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
    'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_val
ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3593944&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3593947&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL2236867&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL221542&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',  
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value',  
      'standard_type', 'standard_units', 'standard_upper_value',  
      'standard_value', 'target_chembl_id', 'target_organism',  
      'target_pref_name', 'target_tax_id', 'text_value', 'type',  
      'units', 'uo_units', 'upper_value', 'value'],  
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL349605&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2059292&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',  
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value',  
      'standard_type', 'standard_units', 'standard_upper_value',  
      'standard_value', 'target_chembl_id', 'target_organism',  
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',  
      'units', 'uo_units', 'upper_value', 'value'],  
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL226915&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2004366&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3560504&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL185885&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL70518&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
```

```

        'bao_format', 'bao_label', 'canonical_smiles', 'data_val
        idity_comment',
        'data_validity_description', 'document_chembl_id', 'docu
        ment_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_i
        d',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
        mbl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relat
        ion', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_val
        ue',
        'standard_type', 'standard_units', 'standard_upper_valu
        e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
        d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3183593&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL205268&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value'],
        dtype='object')

```

```

        'standard_type', 'standard_units', 'standard_upper_valu
e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2269087&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3187980&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3186295&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1444078&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL364713&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_propertie
s',
        'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
        'data_validity_description', 'document_chembl_id', 'docu

```



```

ment_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_id',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_value',
    'standard_type', 'standard_units', 'standard_upper_value',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
    dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1522900&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL54161&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2007486&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2001434&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3273403&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL9352&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL236688&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1907991&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL300520&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1233058&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_val
```

```

ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL462997&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1232258&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_val

```

```

        idity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL66&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the

initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2229268&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2229268&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1232369&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1232369&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL449062&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL449062&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index(['activity_comment', 'activity_id', 'activity_propertie
s',
 'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
 'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
 'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
 'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
 'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
 'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
 'standard_flag', 'standard_relation', 'standard_text_val
ue',
 'standard_type', 'standard_units', 'standard_upper_valu
e',
 'standard_value', 'target_chembl_id', 'target_organism',
 'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
 'units', 'uo_units', 'upper_value', 'value'],
 dtype='object')`

This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL232202&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL232202&limit=5&standard_type=IC50)

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bao_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3184774&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3109297&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL445759&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1614877&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2093058&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1519430&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL227934&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',  
      'bio_format', 'bio_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value',  
      'standard_type', 'standard_units', 'standard_upper_value',  
      'standard_value', 'target_chembl_id', 'target_organism',  
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',  
      'units', 'uo_units', 'upper_value', 'value'],  
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL218693&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL47244&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_val
```

```

ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1096927&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2287242&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL451532&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bao_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL455041&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2924219&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2426622&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL235672&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL2268548&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL447597&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL415690&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',  
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value',  
      'standard_type', 'standard_units', 'standard_upper_value',  
      'standard_value', 'target_chembl_id', 'target_organism',  
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',  
      'units', 'uo_units', 'upper_value', 'value'],  
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL153658&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL27246&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL503160&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
```

```

        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL25308&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL165&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL453509&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_val
```

```

ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL8659&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL501174&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1086445&limit=5&standard_type=IC50

```


These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL63558&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL460647&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL492828&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

```

ao_endpoint',
    'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
    'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_val
ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1354&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_propertie
s',
    'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
    'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
    'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_val
ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],

```

```
dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1356&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3183483&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3188345&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL117865&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL94514&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1589555&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3183389&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL93500&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3185064&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL4159021&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL333306&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',  
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'parent_molecule_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value',  
      'standard_type', 'standard_units', 'standard_upper_value',  
      'standard_value', 'target_chembl_id', 'target_organism',
```

```

        'target_pref_name', 'target_tax_id', 'text_value', 'to_i
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3356397&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL293492&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',

```

```

d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_value',
    'standard_type', 'standard_units', 'standard_upper_value',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL460657&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL55060&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL66879&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

```

        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_i
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL452630&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
        'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1576086&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL25719&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',

```



```

s',
    'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
    'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
    'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_val
ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL318196&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_propertie
s',
    'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
    'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
    'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_val
ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi

```

```
d', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL73639&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL109341&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

```

        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL465829&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL487603&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL4099976&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1080997&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL559945&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',  
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'parent_molecule_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value',  
      'standard_type', 'standard_units', 'standard_upper_value',  
      'standard_value', 'target_chembl_id', 'target_organism',  
      'target_pref_name', 'target_tax_id', 'text_value', 'text_value_id', 'type',  
      'units', 'uo_units', 'upper_value', 'value'],  
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL43185&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL486193&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
```

```
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'to_i
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
    dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL115668&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL129795&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3184169&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL253896&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bio_format', 'bio_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3187813&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL452173&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL83159&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bao_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL249592&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bao_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
```



```
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
    dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3126829&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'toid', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL347285&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'toid', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

```

ment_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_id',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_value',
    'standard_type', 'standard_units', 'standard_upper_value',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
    dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL452683&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL452683&limit=5&standard_type=IC50

```

```
embl_id__in=ChEMBL55941&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL105424&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',  
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value',  
      'standard_type', 'standard_units', 'standard_upper_value',  
      'standard_value', 'target_chembl_id', 'target_organism',  
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',  
      'units', 'uo_units', 'upper_value', 'value'],  
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL2286136&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL193598&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the

initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL304461&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3186705&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
```

```

        'standard_flag', 'standard_relation', 'standard_text_val
ue',
        'standard_type', 'standard_units', 'standard_upper_valu
e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL446299&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL294199&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',

```

```

        'bao_format', 'bao_label', 'canonical_smiles', 'data_val
        idity_comment',
        'data_validity_description', 'document_chembl_id', 'docu
        ment_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_i
        d',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
        mbl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relat
        ion', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_val
        ue',
        'standard_type', 'standard_units', 'standard_upper_valu
        e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
        d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2251602&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2268549&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',

```

```

        'standard_type', 'standard_units', 'standard_upper_valu
e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1369384&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'toiid', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1468832&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL445206&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1164609&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1994615&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL398921&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
```



```
embl_id__in=ChEMBL2387747&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1449245&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1095954&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL486207&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the

initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL508894&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bao_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL399036&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bao_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
```

```

        'standard_flag', 'standard_relation', 'standard_text_val
ue',
        'standard_type', 'standard_units', 'standard_upper_valu
e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1873035&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2251453&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL170&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_propertie
s',
        'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
        'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_val
ue',
        'standard_type', 'standard_units', 'standard_upper_valu
e',
        'standard_value', 'target_chembl_id', 'target_organism',

```

```

        'target_pref_name', 'target_tax_id', 'text_value', 'to
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1200429&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2228956&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL190613&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL52267&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_propertie
s',
        'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
        'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_val
ue',
        'standard_type', 'standard_units', 'standard_upper_valu

```

```
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'to_i
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
    dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3182150&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2165230&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1900511&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL361197&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_val
```

```

ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL170190&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3883497&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_val

```

```

        idity_comment',
            'data_validity_description', 'document_chembl_id', 'document_journal',
            'document_year', 'ligand_efficiency', 'molecule_chembl_id',
            'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
            'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
            'standard_flag', 'standard_relation', 'standard_text_value',
            'standard_type', 'standard_units', 'standard_upper_value',
            'standard_value', 'target_chembl_id', 'target_organism',
            'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
            'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL50&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')

```

This is the url string that calls the 'Activities' API with the

initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1644111&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL28&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
```



```

        'standard_flag', 'standard_relation', 'standard_text_val
ue',
        'standard_type', 'standard_units', 'standard_upper_valu
e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL151&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL267476&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',

```

```

        'bao_format', 'bao_label', 'canonical_smiles', 'data_val
        idity_comment',
        'data_validity_description', 'document_chembl_id', 'docu
        ment_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_i
        d',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
        mbl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relat
        ion', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_val
        ue',
        'standard_type', 'standard_units', 'standard_upper_valu
        e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
        d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL463088&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bio
        endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_val
        idity_comment',
        'data_validity_description', 'document_chembl_id', 'docu
        ment_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_i
        d',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
        mbl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relat
        ion', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_val
        ue',
        'standard_type', 'standard_units', 'standard_upper_valu
        e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
        d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL118958&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3120646&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL214321&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',  
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value',  
      'standard_type', 'standard_units', 'standard_upper_value',  
      'standard_value', 'target_chembl_id', 'target_organism',  
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',  
      'units', 'uo_units', 'upper_value', 'value'],  
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL250450&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL150&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

```

        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_i
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL44&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
        'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2229606&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL299599&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2251452&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2228570&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL128000&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',  
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value',  
      'standard_type', 'standard_units', 'standard_upper_value',  
      'standard_value', 'target_chembl_id', 'target_organism',  
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',  
      'units', 'uo_units', 'upper_value', 'value'],  
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL486625&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL12014&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

```

        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_i
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL445740&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
        'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3182226&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL251280&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',

```



```

s',
    'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
    'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
    'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_val
ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1911053&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_propertie
s',
    'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
    'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
    'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_val
ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi

```

```
d', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2228374&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL117&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'text_value_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL242383&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'text_value_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

```

ao_endpoint',
    'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
    'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_val
ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL31574&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_propertie
s',
    'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
    'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
    'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_val
ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],

```

```
dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL210635&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL379064&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
```

```

        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL28626&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL413552&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',

```

```

        'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
        'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_val
ue',
        'standard_type', 'standard_units', 'standard_upper_valu
e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL55415&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_propertie
s',
        'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
        'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_val
ue',
        'standard_type', 'standard_units', 'standard_upper_valu
e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',

```

```
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL247484&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL30707&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

```

mbl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_value',
    'standard_type', 'standard_units', 'standard_upper_value',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL8145&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bao_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL491174&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties

```



```

s',
    'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
    'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
    'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_val
ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2139332&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL472877&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_propertie
s',
    'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
    'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
    'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relat

```

```

ion', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_val
ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
    dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3182514&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2106238&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2252747&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2229622&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1093743&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_propertie
s',
    'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',

```

```

        'bao_format', 'bao_label', 'canonical_smiles', 'data_val
        idity_comment',
        'data_validity_description', 'document_chembl_id', 'docu
        ment_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_i
        d',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
        mbl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relat
        ion', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_val
        ue',
        'standard_type', 'standard_units', 'standard_upper_valu
        e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
        d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL454759&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2269080&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL448058&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL450072&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties'],
      dtype='object')

```

```

        'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
        'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_val
ue',
        'standard_type', 'standard_units', 'standard_upper_valu
e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL4074177&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL507518&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL443949&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL451328&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2228452&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3183866&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2105350&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',  
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'parent_molecule_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value',  
      'standard_type', 'standard_units', 'standard_upper_value',  
      'standard_value', 'target_chembl_id', 'target_organism',  
      'target_pref_name', 'target_tax_id', 'text_value', 'text_value_id', 'type',  
      'units', 'uo_units', 'upper_value', 'value'],  
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3184538&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL25424&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',  
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value',  
      'standard_type', 'standard_units', 'standard_upper_value',  
      'standard_value', 'target_chembl_id', 'target_organism',  
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',  
      'units', 'uo_units', 'upper_value', 'value'],  
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1364260&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL324794&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',  
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value',  
      'standard_type', 'standard_units', 'standard_upper_value',  
      'standard_value', 'target_chembl_id', 'target_organism',  
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',  
      'units', 'uo_units', 'upper_value', 'value'],  
      dtype='object')
```

```

ao_endpoint',
    'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
    'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_val
ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2228463&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL186141&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_propertie
s',
    'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
    'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
    'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
    'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
    'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
    'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
    'standard_flag', 'standard_relation', 'standard_text_val

```

```

ue',
    'standard_type', 'standard_units', 'standard_upper_valu
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL121548&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2228465&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1172198&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2270062&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL53493&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL250421&limit=5&standard_type=IC50

```


These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3355912&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3183445&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3187552&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3184730&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL1728549&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL1594090&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3187344&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL561014&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',  
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value',  
      'standard_type', 'standard_units', 'standard_upper_value',  
      'standard_value', 'target_chembl_id', 'target_organism',  
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',  
      'units', 'uo_units', 'upper_value', 'value'],  
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3186526&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3182724&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3186514&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3186514&limit=5&standard_type=IC50)

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL4062155&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL4062155&limit=5&standard_type=IC50)

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL206566&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL206566&limit=5&standard_type=IC50)

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2106289&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2106289&limit=5&standard_type=IC50)

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2251454&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2251454&limit=5&standard_type=IC50)

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL4076957&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL4076957&limit=5&standard_type=IC50)

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL256368&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL256368&limit=5&standard_type=IC50)

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the

initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2269088&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2269088&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2228466&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2228466&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2228467&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2228467&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3188009&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3188009&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL21404&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL21404&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL116268&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL116268&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3273404&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3273404&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
`Index([], dtype='object')`

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3733030&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL390773&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3185276&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3182851&limit=5&standard_type=IC50

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL184827&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3186926&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL2268552&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL3183603&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL401203&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL1488393&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL66926&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL506678&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
```

```
e',
    'standard_value', 'target_chembl_id', 'target_organism',
    'target_pref_name', 'target_tax_id', 'text_value', 'to_i
d', 'type',
    'units', 'uo_units', 'upper_value', 'value'],
    dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1453070&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3560760&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3186423&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3185994&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2252948&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2289233&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```


This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL477900&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bio_format', 'bio_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2252947&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL285376&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bio_format', 'bio_label', 'canonical_smiles', 'data_validity_comment',
```

```

        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL425677&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL558557&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bao_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value',
        'standard_type', 'standard_units', 'standard_upper_value',

```

```

        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'to_i
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1420783&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL486208&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3586094&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL448502&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
        'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
        'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
        'data_validity_description', 'document_chembl_id', 'document_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_id',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_value'],
      dtype='object')

```

```

        'standard_type', 'standard_units', 'standard_upper_valu
e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL430091&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'parent_molecule_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2048654&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3186909&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1077088&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL263094&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL486795&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',
```

```

        'bao_format', 'bao_label', 'canonical_smiles', 'data_val
        idity_comment',
        'data_validity_description', 'document_chembl_id', 'docu
        ment_journal',
        'document_year', 'ligand_efficiency', 'molecule_chembl_i
        d',
        'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
        mbl_value',
        'potential_duplicate', 'qudt_units', 'record_id', 'relat
        ion', 'src_id',
        'standard_flag', 'standard_relation', 'standard_text_val
        ue',
        'standard_type', 'standard_units', 'standard_upper_valu
        e',
        'standard_value', 'target_chembl_id', 'target_organism',
        'target_pref_name', 'target_tax_id', 'text_value', 'toi
        d', 'type',
        'units', 'uo_units', 'upper_value', 'value'],
        dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL496447&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL505813&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3120650&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the initial query specification:

```

https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL3120652&limit=5&standard_type=IC50

```

These are the available columns for the Activities API:

```

Index([], dtype='object')

```

This is the url string that calls the 'Activities' API with the

initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2115552&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL2115552&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
Index([], dtype='object')
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3277900&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL3277900&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
Index([], dtype='object')
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1222273&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL1222273&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
Index([], dtype='object')
This is the url string that calls the 'Activities' API with the
initial query specification:
[https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL506247&limit=5&standard_type=IC50](https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch
embl_id__in=ChEMBL506247&limit=5&standard_type=IC50)

These are the available columns for the Activities API:
Index(['activity_comment', 'activity_id', 'activity_propertie
s',
 'assay_chembl_id', 'assay_description', 'assay_type', 'b
ao_endpoint',
 'bao_format', 'bao_label', 'canonical_smiles', 'data_val
idity_comment',
 'data_validity_description', 'document_chembl_id', 'docu
ment_journal',
 'document_year', 'ligand_efficiency', 'molecule_chembl_i
d',
 'molecule_pref_name', 'parent_molecule_chembl_id', 'pche
mbl_value',
 'potential_duplicate', 'qudt_units', 'record_id', 'relat
ion', 'src_id',
 'standard_flag', 'standard_relation', 'standard_text_val
ue',
 'standard_type', 'standard_units', 'standard_upper_valu
e',
 'standard_value', 'target_chembl_id', 'target_organism',
 'target_pref_name', 'target_tax_id', 'text_value', 'toi
d', 'type',
 'units', 'uo_units', 'upper_value', 'value'],

```
dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL1797128&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL273977&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL2106930&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL430341&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',  
      'assay_chembl_id', 'assay_description', 'assay_type', 'bioassay_endpoint',  
      'bioassay_format', 'bioassay_label', 'canonical_smiles', 'data_validity_comment',  
      'data_validity_description', 'document_chembl_id', 'document_journal',  
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',  
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',  
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',  
      'standard_flag', 'standard_relation', 'standard_text_value',  
      'standard_type', 'standard_units', 'standard_upper_value',  
      'standard_value', 'target_chembl_id', 'target_organism',  
      'target_pref_name', 'target_tax_id', 'text_value', 'toxicity'])
```



```
d', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL196&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index(['activity_comment', 'activity_id', 'activity_properties',
      'assay_chembl_id', 'assay_description', 'assay_type', 'bio_endpoint',
      'bao_format', 'bao_label', 'canonical_smiles', 'data_validity_comment',
      'data_validity_description', 'document_chembl_id', 'document_journal',
      'document_year', 'ligand_efficiency', 'molecule_chembl_id',
      'molecule_pref_name', 'parent_molecule_chembl_id', 'pchembl_value',
      'potential_duplicate', 'qudt_units', 'record_id', 'relation', 'src_id',
      'standard_flag', 'standard_relation', 'standard_text_value',
      'standard_type', 'standard_units', 'standard_upper_value',
      'standard_value', 'target_chembl_id', 'target_organism',
      'target_pref_name', 'target_tax_id', 'text_value', 'to_id', 'type',
      'units', 'uo_units', 'upper_value', 'value'],
      dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL40274&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_chembl_id__in=ChEMBL486293&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:

```
Index([], dtype='object')
```

This is the url string that calls the 'Activities' API with the initial query specification:

```
https://www.ebi.ac.uk/chembl/api/data/activity.json?molecule_ch  
embl_id__in=ChEMBL2269081&limit=5&standard_type=IC50
```

These are the available columns for the Activities API:
Index([], dtype='object')

```
In [14]: df.to_csv('till_now_bioactivity_3.csv', index=False)
```

Scraped Bioactivity Data and saved it as 'till_now_bioactivity_3.csv'.

```
In [1]: import pandas as pd  
df=pd.read_csv('till_now_bioactivity_3.csv')
```

```
In [2]: df.info()
```

```
<class 'pandas.core.frame.DataFrame'>  
RangeIndex: 13055 entries, 0 to 13054  
Data columns (total 11 columns):  
#   Column                Non-Null Count  Dtype  
---  ---  
0   target_chembl_id      13055 non-null  object  
1   target_organism       9733 non-null   object  
2   target_pref_name      13055 non-null  object  
3   molecule_chembl_id    13055 non-null  object  
4   molecule_pref_name    12845 non-null  object  
5   pchembl_value         4591 non-null   float64  
6   standard_type         13055 non-null  object  
7   standard_relation     7283 non-null   object  
8   standard_value        7364 non-null   float64  
9   standard_units        7329 non-null   object  
10  assay_chembl_id       13055 non-null  object  
dtypes: float64(2), object(9)  
memory usage: 1.1+ MB
```

Scraped Bioactivity Data and saved it as 'till_now_bioactivity_3.csv'. The standard bioactivity type and units were kept same to maintain uniformity.

```
In [3]: df.standard_type.unique()  
df_ic50=df.loc[(df['standard_type']=='IC50') & (df['standard_units']='nM')]
```

```
df_ic50
#standard value is the potency of the drug , lower the number better the potency
df_ic50.head()
```

Out[3]:

	target_chembl_id	target_organism	target_pref_name	molecule_chembl_id
0	CHEMBL364	Plasmodium falciparum	Plasmodium falciparum	CHEMBL326602
1	CHEMBL612545	NaN	Unchecked	CHEMBL37537
2	CHEMBL3879801	NaN	NON-PROTEIN TARGET	CHEMBL37537
3	CHEMBL2362975	NaN	No relevant target	CHEMBL37537
4	CHEMBL612545	NaN	Unchecked	CHEMBL37537

In [5]:

```
df_pic=df_ic50.drop(['standard_relation','pchembl_value','assay_chembl_id'], axis=1)
df_pic.head()
```

Out[5]:

	target_chembl_id	target_organism	target_pref_name	molecule_chembl_id
0	CHEMBL364	Plasmodium falciparum	Plasmodium falciparum	CHEMBL326602
1	CHEMBL612545	NaN	Unchecked	CHEMBL37537
2	CHEMBL3879801	NaN	NON-PROTEIN TARGET	CHEMBL37537
3	CHEMBL2362975	NaN	No relevant target	CHEMBL37537
4	CHEMBL612545	NaN	Unchecked	CHEMBL37537

In [8]:

```
#df2.info()
df.info()
df_ic50.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 13055 entries, 0 to 13054
Data columns (total 11 columns):
#   Column                Non-Null Count  Dtype
---  -
0   target_chembl_id      13055 non-null  object
```

```

1  target_organism      9733 non-null  object
2  target_pref_name    13055 non-null  object
3  molecule_chembl_id  13055 non-null  object
4  molecule_pref_name  12845 non-null  object
5  pchembl_value       4591 non-null  float64
6  standard_type       13055 non-null  object
7  standard_relation   7283 non-null  object
8  standard_value      7364 non-null  float64
9  standard_units      7329 non-null  object
10 assay_chembl_id     13055 non-null  object

```

dtypes: float64(2), object(9)

memory usage: 1.1+ MB

<class 'pandas.core.frame.DataFrame'>

Int64Index: 6553 entries, 0 to 13054

Data columns (total 11 columns):

#	Column	Non-Null Count	Dtype
0	target_chembl_id	6553 non-null	object
1	target_organism	4735 non-null	object
2	target_pref_name	6553 non-null	object
3	molecule_chembl_id	6553 non-null	object
4	molecule_pref_name	6379 non-null	object
5	pchembl_value	4591 non-null	float64
6	standard_type	6553 non-null	object
7	standard_relation	6472 non-null	object
8	standard_value	6553 non-null	float64
9	standard_units	6553 non-null	object
10	assay_chembl_id	6553 non-null	object

dtypes: float64(2), object(9)

memory usage: 614.3+ KB

```

In [9]: df4=df_ic50[df_ic50.standard_value.notna()]
df4.info()
df4.to_csv('bioactivity_data_flavormolecules_actual_ouput22.csv', i
ndex=False)

```

<class 'pandas.core.frame.DataFrame'>

Int64Index: 6553 entries, 0 to 13054

Data columns (total 11 columns):

#	Column	Non-Null Count	Dtype
0	target_chembl_id	6553 non-null	object
1	target_organism	4735 non-null	object
2	target_pref_name	6553 non-null	object
3	molecule_chembl_id	6553 non-null	object
4	molecule_pref_name	6379 non-null	object
5	pchembl_value	4591 non-null	float64

```

6  standard_type      6553 non-null  object
7  standard_relation  6472 non-null  object
8  standard_value     6553 non-null  float64
9  standard_units     6553 non-null  object
10 assay_chembl_id    6553 non-null  object
dtypes: float64(2), object(9)
memory usage: 614.3+ KB

```

```

In [13]: selection = ['molecule_chembl_id', 'molecule_pref_name', 'standard_value', 'target_chembl_id', 'target_pref_name', 'target_organism']
df5 = df4[selection]
rslt_df = df5.sort_values(by = 'standard_value', ascending = True)
rslt_df.drop_duplicates(subset='molecule_chembl_id', keep='first', inplace=True)
rslt_df.reset_index(drop=True, inplace=True)
rslt_df.info()
rslt_df.head()

```

```

<class 'pandas.core.frame.DataFrame'>
RangeIndex: 365 entries, 0 to 364
Data columns (total 6 columns):
#   Column                Non-Null Count  Dtype
---  -
0   molecule_chembl_id    365 non-null   object
1   molecule_pref_name    306 non-null   object
2   standard_value        365 non-null   float64
3   target_chembl_id      365 non-null   object
4   target_pref_name      365 non-null   object
5   target_organism       293 non-null   object
dtypes: float64(1), object(5)
memory usage: 17.2+ KB

```

```

Out[13]:

```

	molecule_chembl_id	molecule_pref_name	standard_value	target_chembl_id
0	CHEMBL165	RESVERATROL	0.0225	CHEMBL395
1	CHEMBL19224	PAPAVERINE	0.0590	CHEMBL613633
2	CHEMBL50	QUERCETIN	0.1100	CHEMBL2362975
3	CHEMBL107	COLCHICINE	0.3600	CHEMBL3879801
4	CHEMBL441687	GLYCYRRHIZIN	0.4000	CHEMBL3746

```

In [15]: rslt_df.to_csv("bioactivity_data_flavormolecules_actual_datapreprocessed_output22.csv", index=False)

```