DTC Webservices

Get list of bioactivities.

- **URL**

  [https://drugtargetcommons.fimm.fi/api/data/bioactivity/]

- **Limit per page:**

  500 records

- **Method:**

  `[Get]`

- **Formats**

  `[xml] [json] [jsonp]`

  `example:`

- *[https://drugtargetcommons.fimm.fi/api/data/bioactivity/?format=json]*

- **Filters**

  Following filters can be applied

  `'compound_name',`

  `'activity_id',`

  `'assay_format',`

  `'assay_type',`

  `'assay_cell_type',`

  `'assay_sub_type',`

  `'endpoint_actionmode',`

  `'inhibitor_type',`

  `'wildtype_or_mutant',`

  `'detection_technology',`

  `'mutation_info',`

  `'assay_description',`

  `'compound_concentration_value',`

  `'compound_concentration_value_unit',`

  `'substrate_type',`

  `'substrate_relation',`

'substrate_value',

'substrate_units',

'assay_chembl_id',

'assay_description',

'assay_type',

'journal',

'year',

'volume',

'issue',

'authors',

'pubmed_id',

'chembl_id',

'annotated',

'endpoint_standard_type',

'endpoint_standard_relation',

'endpoint_standard_value',

'endpoint_standard_units',

Example:

To search wild type:

[wildtype_or_mutant=wild_type]

https://drugtargetcommons.fimm.fi/api/data/bioactivity?wildtype_or_mutant=wild_type

To search mutant:

[wildtype_or_mutant=mutated]

https://drugtargetcommons.fimm.fi/api/data/bioactivity?wildtype_or_mutant=mutated

- **Access through curl**

  Following is an example how to use curl to access the API

  curl -H "Accept: application/json" https://drugtargetcommons.fimm.fi/api/data/bioactivity

- **Pagination**

  You can get "total count" and the url for the next 500 entries under the "meta" tag in the requested API results

  Similarly, you can get the next 500 entries by adding offset and limit parameters.

  Example:
  To get the next 500 entries your API request will be as follows

  [offset=500&limit=500]
  https://drugtargetcommons.fimm.fi/api/data/bioactivity/?wildtype_or_mutant=wild_type&offset=500&limit=500

```xml
▼<meta type="hash">
    <limit type="integer">500</limit>
  ▼<next>
      /api/data/bioactivity/?wildtype_or_mutant=wild_type&limit=500&offset=1000
    </next>
    <offset type="integer">500</offset>
  ▼<previous>
      /api/data/bioactivity/?wildtype_or_mutant=wild_type&limit=500&offset=0
    </previous>
    <total_count type="integer">110494</total_count>
  </meta>
</response>
```