European Bioinformatics Institute

---

patents-public-data:ebi__chembl.action__type__23

Old table version 23, schema skipped.

---

patents-public-data:ebi__chembl.action__type__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	30
Size	3.9 kB

Schema

View in BigQuery

- `action_type` STRING NULLABLE
- `description` STRING NULLABLE
- `parent_type` STRING NULLABLE

---

patents-public-data:ebi__chembl.activities__23

Old table version 23, schema skipped.

---

patents-public-data:ebi__chembl.activities__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31

Stat	Value
Rows	15,207,914
Size	2.6 GB

Schema

View in BigQuery

- `activity_id` STRING NULLABLE
- `assay_id` STRING NULLABLE
- `doc_id` STRING NULLABLE
- `record_id` STRING NULLABLE
- `molregno` STRING NULLABLE joins on **ChEMBL molregno**
- `standard_relation` STRING NULLABLE
- `published_value` STRING NULLABLE
- `published_units` STRING NULLABLE
- `standard_value` STRING NULLABLE
- `standard_units` STRING NULLABLE
- `standard_flag` STRING NULLABLE
- `standard_type` STRING NULLABLE
- `activity_comment` STRING NULLABLE
- `published_type` STRING NULLABLE
- `data_validity_comment` STRING NULLABLE
- `potential_duplicate` STRING NULLABLE
- `published_relation` STRING NULLABLE
- `pchembl_value` STRING NULLABLE
- `bao_endpoint` STRING NULLABLE
- `uo_units` STRING NULLABLE
- `qudt_units` STRING NULLABLE
- `toid` STRING NULLABLE
- `upper_value` STRING NULLABLE
- `standard_upper_value` STRING NULLABLE
- `src_id` STRING NULLABLE
- `type` STRING NULLABLE
- `relation` STRING NULLABLE
- `value` STRING NULLABLE
- `units` STRING NULLABLE
- `text_value` STRING NULLABLE
- `standard_text_value` STRING NULLABLE

Join columns

molregno

joins to `patents-public-data:ebi_chembl.compound_properties_24::molregno` on **ChEMBL molregno** (99.59%, 15,145,635 rows)

Key	Percent	Rows	Sample values
all	99.59%	15,145,635	['371327', '571326', '1336649', '758484', '1000807']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.molregno IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.ebi_chembl.activities_24`AS first
LEFT JOIN (
  SELECT molregno AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.ebi_chembl.compound_properties_24`
  GROUP BY 1
) AS second ON first.molregno = second.second_column
```

joins from `patents-public-data:ebi_chembl.compound_properties_24::molregno` on **ChEMBL molregno** (95.16%, 1,735,006 rows)

---

patents-public-data:ebi_chembl.activity_properties_24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	5,339,435
Size	371.2 MB

Schema

View in BigQuery

- `ap_id` STRING NULLABLE
- `activity_id` STRING NULLABLE
- `type` STRING NULLABLE
- `relation` STRING NULLABLE
- `value` STRING NULLABLE
- `units` STRING NULLABLE
- `text_value` STRING NULLABLE

- `standard_type` STRING NULLABLE

- `standard_relation` STRING NULLABLE

- `standard_value` STRING NULLABLE

- `standard_units` STRING NULLABLE

- `standard_text_value` STRING NULLABLE

- `comments` STRING NULLABLE

- `result_flag` STRING NULLABLE

---

patents-public-data:ebi__chembl.activity__smid__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	1,723,378
Size	14.4 MB

Schema

View in BigQuery

- `smid` STRING NULLABLE

---

patents-public-data:ebi__chembl.activity__stds__lookup__23

Old table version `23`, schema skipped.

---

patents-public-data:ebi__chembl.activity__stds__lookup__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	144

Stat	Value
Size	11.9 kB

Schema

View in BigQuery

- `std_act_id` STRING NULLABLE
- `standard_type` STRING NULLABLE
- `definition` STRING NULLABLE
- `standard_units` STRING NULLABLE
- `normal_range_min` STRING NULLABLE
- `normal_range_max` STRING NULLABLE

---

patents-public-data:ebi__chembl.activity__supp__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	1,723,378
Size	194.6 MB

Schema

View in BigQuery

- `as_id` STRING NULLABLE
- `rgid` STRING NULLABLE
- `smid` STRING NULLABLE
- `type` STRING NULLABLE
- `relation` STRING NULLABLE
- `value` STRING NULLABLE
- `units` STRING NULLABLE
- `text_value` STRING NULLABLE
- `standard_type` STRING NULLABLE
- `standard_relation` STRING NULLABLE
- `standard_value` STRING NULLABLE
- `standard_units` STRING NULLABLE

- `standard_text_value` STRING NULLABLE

- `comments` STRING NULLABLE

---

patents-public-data:ebi__chembl.activity__supp__map__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	2,005,362
Size	37.0 MB

Schema

View in BigQuery

- `activity_id` STRING NULLABLE

- `smid` STRING NULLABLE

---

patents-public-data:ebi__chembl.assay__parameters__23

Old table version 23, schema skipped.

---

patents-public-data:ebi__chembl.assay__parameters__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	267,387
Size	15.3 MB

Schema

View in BigQuery

- `assay_param_id` STRING NULLABLE

- `assay_id` STRING NULLABLE

- `type` STRING NULLABLE

- `relation` STRING NULLABLE

- `value` STRING NULLABLE

- `units` STRING NULLABLE

- `text_value` STRING NULLABLE

- `standard_type` STRING NULLABLE

- `standard_relation` STRING NULLABLE

- `standard_value` STRING NULLABLE

- `standard_units` STRING NULLABLE

- `standard_text_value` STRING NULLABLE

- `comments` STRING NULLABLE

---

patents-public-data:ebi_chembl.assay_type_23

Old table version 23, schema skipped.

---

patents-public-data:ebi_chembl.assay_type_24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	6
Size	84 Bytes

Schema

View in BigQuery

- `assay_type` STRING NULLABLE

- `assay_desc` STRING NULLABLE

---

patents-public-data:ebi_chembl.assays_23

Old table version 23, schema skipped.

patents-public-data:ebi__chembl.assays__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	1,060,283
Size	243.2 MB

Schema

View in BigQuery

- `assay_id` STRING NULLABLE
- `doc_id` STRING NULLABLE
- `description` STRING NULLABLE
- `assay_type` STRING NULLABLE
- `assay_test_type` STRING NULLABLE
- `assay_category` STRING NULLABLE
- `assay_organism` STRING NULLABLE
- `assay_tax_id` STRING NULLABLE
- `assay_strain` STRING NULLABLE
- `assay_tissue` STRING NULLABLE
- `assay_cell_type` STRING NULLABLE
- `assay_subcellular_fraction` STRING NULLABLE
- `tid` STRING NULLABLE
- `relationship_type` STRING NULLABLE
- `confidence_score` STRING NULLABLE
- `curated_by` STRING NULLABLE
- `src_id` STRING NULLABLE
- `src_assay_id` STRING NULLABLE
- `chembl_id` STRING NULLABLE
- `cell_id` STRING NULLABLE
- `bao_format` STRING NULLABLE
- `tissue_id` STRING NULLABLE
- `variant_id` STRING NULLABLE
- `aidx` STRING NULLABLE

patents-public-data:ebi_chembl.atc_classification_23

Old table version 23, schema skipped.

---

patents-public-data:ebi_chembl.atc_classification_24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	4,886
Size	819.3 kB

Schema

View in BigQuery

- `who_name` STRING NULLABLE
- `level1` STRING NULLABLE
- `level2` STRING NULLABLE
- `level3` STRING NULLABLE
- `level4` STRING NULLABLE
- `level5` STRING NULLABLE
- `level1_description` STRING NULLABLE
- `level2_description` STRING NULLABLE
- `level3_description` STRING NULLABLE
- `level4_description` STRING NULLABLE

---

patents-public-data:ebi_chembl.binding_sites_23

Old table version 23, schema skipped.

---

patents-public-data:ebi_chembl.binding_sites_24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	9,483
Size	672.6 kB

Schema

View in BigQuery

- `site_id` STRING NULLABLE
- `site_name` STRING NULLABLE
- `tid` STRING NULLABLE

---

patents-public-data:ebi__chembl.bio__component__sequences__23

Old table version `23`, schema skipped.

---

patents-public-data:ebi__chembl.bio__component__sequences__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	629
Size	276.0 kB

Schema

View in BigQuery

- `component_id` STRING NULLABLE
- `component_type` STRING NULLABLE
- `description` STRING NULLABLE
- `sequence` STRING NULLABLE
- `sequence_md5sum` STRING NULLABLE

- `tax_id` STRING NULLABLE

- `organism` STRING NULLABLE

---

patents-public-data:ebi__chembl.bioassay__ontology__23

Old table version `23`, schema skipped.

---

patents-public-data:ebi__chembl.bioassay__ontology__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	311
Size	10.4 kB

Schema

View in BigQuery

- `bao_id` STRING NULLABLE

- `label` STRING NULLABLE

---

patents-public-data:ebi__chembl.biotherapeutic__components__23

Old table version `23`, schema skipped.

---

patents-public-data:ebi__chembl.biotherapeutic__components__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31

Stat	Value
Rows	663
Size	13.1 kB

Schema

View in BigQuery

- `biocomp_id` STRING NULLABLE
- `molregno` STRING NULLABLE joins on **ChEMBL molregno**
- `component_id` STRING NULLABLE

Join columns

molregno

joins to `patents-public-data:ebi_chembl.compound_properties_24::molregno` on **ChEMBL molregno** (1.21%, 8 rows)

Key	Percent	Rows	Sample values
all	1.21%	8	['1121856', '2197902', '1121901', '2197884', '2197894']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.molregno IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.ebi_chembl.biotherapeutic_components_24`AS first
LEFT JOIN (
  SELECT molregno AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.ebi_chembl.compound_properties_24`
  GROUP BY 1
) AS second ON first.molregno = second.second_column
```

joins from `patents-public-data:ebi_chembl.compound_properties_24::molregno` on **ChEMBL molregno** (0.00%, 8 rows)

---

patents-public-data:ebi__chembl.biotherapeutics__23

Old table version 23, schema skipped.

---

patents-public-data:ebi__chembl.biotherapeutics__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	21,310
Size	1.7 MB

Schema

View in BigQuery

- `molregno` STRING NULLABLE joins on **ChEMBL molregno**

- `description` STRING NULLABLE

- `helm_notation` STRING NULLABLE

Join columns

molregno

joins to `patents-public-data:ebi_chembl.compound_properties_24::molregno` on **ChEMBL molregno** (95.98%, 20,454 rows)

Key	Percent	Rows	Sample values
all	95.98%	20,454	['702913', '1959503', '2197309', '506748', '1731700']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.molregno IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.ebi_chembl.biotherapeutics_24`AS first
LEFT JOIN (
  SELECT molregno AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.ebi_chembl.compound_properties_24`
  GROUP BY 1
) AS second ON first.molregno = second.second_column
```

joins from `patents-public-data:ebi_chembl.compound_properties_24::molregno` on **ChEMBL molregno** (1.12%, 20,454 rows)

---

patents-public-data:ebi_chembl.cell_dictionary_23

Old table version 23, schema skipped.

---

patents-public-data:ebi_chembl.cell_dictionary_24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	1,667
Size	161.1 kB

Schema

View in BigQuery

- `cell_id` STRING NULLABLE
- `cell_name` STRING NULLABLE
- `cell_description` STRING NULLABLE
- `cell_source_tissue` STRING NULLABLE
- `cell_source_organism` STRING NULLABLE
- `cell_source_tax_id` STRING NULLABLE
- `clo_id` STRING NULLABLE
- `efo_id` STRING NULLABLE
- `cellosaurus_id` STRING NULLABLE
- `cl_lincs_id` STRING NULLABLE
- `chembl_id` STRING NULLABLE

---

patents-public-data:ebi_chembl.chembl_id_lookup_23

Old table version `23`, schema skipped.

---

patents-public-data:ebi_chembl.chembl_id_lookup_24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	3,377,372
Size	133.9 MB

Schema

View in BigQuery

- `chembl_id` STRING NULLABLE

- `entity_type` STRING NULLABLE
- `entity_id` STRING NULLABLE
- `status` STRING NULLABLE

---

patents-public-data:ebi__chembl.component_class__23

Old table version `23`, schema skipped.

---

patents-public-data:ebi__chembl.component_class__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	9,005
Size	145.3 kB

Schema

View in BigQuery

- `component_id` STRING NULLABLE
- `protein_class_id` STRING NULLABLE
- `comp_class_id` STRING NULLABLE

---

patents-public-data:ebi__chembl.component_domains__23

Old table version `23`, schema skipped.

---

patents-public-data:ebi__chembl.component_domains__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	18,821
Size	540.6 kB

Schema

View in BigQuery

- `compd_id` STRING NULLABLE
- `domain_id` STRING NULLABLE
- `component_id` STRING NULLABLE
- `start_position` STRING NULLABLE
- `end_position` STRING NULLABLE

---

patents-public-data:ebi_chembl.component_go_23

Old table version `23`, schema skipped.

---

patents-public-data:ebi_chembl.component_go_24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	117,496
Size	3.0 MB

Schema

View in BigQuery

- `comp_go_id` STRING NULLABLE
- `component_id` STRING NULLABLE
- `go_id` STRING NULLABLE

---

patents-public-data:ebi_chembl.component_sequences_23

Old table version `23`, schema skipped.

patents-public-data:ebi__chembl.component_sequences_24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	8,835
Size	6.3 MB

Schema

View in BigQuery

- `component_id` STRING NULLABLE
- `component_type` STRING NULLABLE
- `accession` STRING NULLABLE
- `sequence` STRING NULLABLE
- `sequence_md5sum` STRING NULLABLE
- `description` STRING NULLABLE
- `tax_id` STRING NULLABLE
- `organism` STRING NULLABLE
- `db_source` STRING NULLABLE
- `db_version` STRING NULLABLE

patents-public-data:ebi__chembl.component_synonyms_23

Old table version 23, schema skipped.

patents-public-data:ebi__chembl.component_synonyms_24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	57,149
Size	2.5 MB

Schema

View in BigQuery

- `compsyn_id` STRING NULLABLE
- `component_id` STRING NULLABLE
- `component_synonym` STRING NULLABLE
- `syn_type` STRING NULLABLE

---

patents-public-data:ebi_chembl.compound_properties_23

Old table version `23`, schema skipped.

---

patents-public-data:ebi_chembl.compound_properties_24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	1,823,191
Size	218.3 MB

Schema

View in BigQuery

- `molregno` STRING NULLABLE joins on **ChEMBL molregno**
- `mw_freebase` STRING NULLABLE
- `alogp` STRING NULLABLE
- `hba` STRING NULLABLE
- `hbd` STRING NULLABLE
- `psa` STRING NULLABLE
- `rtb` STRING NULLABLE
- `ro3_pass` STRING NULLABLE

- num_ro5_violations STRING NULLABLE

- acd_most_apka STRING NULLABLE

- acd_most_bpka STRING NULLABLE

- acd_logp STRING NULLABLE

- acd_logd STRING NULLABLE

- molecular_species STRING NULLABLE

- full_mwt STRING NULLABLE

- aromatic_rings STRING NULLABLE

- heavy_atoms STRING NULLABLE

- qed_weighted STRING NULLABLE

- mw_monoisotopic STRING NULLABLE

- full_molformula STRING NULLABLE

- hba_lipinski STRING NULLABLE

- hbd_lipinski STRING NULLABLE

- num_lipinski_ro5_violations STRING NULLABLE

Join columns

molregno

joins to `patents-public-data:ebi_chembl.activities_24::molregno` on **ChEMBL molregno** (95.16%, 1,735,006 rows)

Key	Percent	Rows	Sample values
all	95.16%	1,735,006	['382806', '888949', '557958', '629843', '2060649']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.molregno IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.ebi_chembl.compound_properties_24`AS first
LEFT JOIN (
  SELECT molregno AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.ebi_chembl.activities_24`
  GROUP BY 1
) AS second ON first.molregno = second.second_column
```

joins to `patents-public-data:ebi_chembl.biotherapeutic_components_24::molregno` on **ChEMBL molregno** (0.00%, 8 rows)

Key	Percent	Rows	Sample values
all	0.00%	8	['1571723', '1915682', '594570', '2034388', '577592']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.molregno IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.ebi_chembl.compound_properties_24`AS first
```

```
LEFT JOIN (
  SELECT molregno AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.ebi_chembl.biotherapeutic_components_24`
  GROUP BY 1
) AS second ON first.molregno = second.second_column
```

joins to `patents-public-data:ebi_chembl.biotherapeutics_24::molregno` on **ChEMBL molregno** (1.12%, 20,454 rows)

Key	Percent	Rows	Sample values
all	1.12%	20,454	['1986269', '1020375', '252010', '1350551', '193887']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.molregno IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.ebi_chembl.compound_properties_24`AS first
LEFT JOIN (
  SELECT molregno AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.ebi_chembl.biotherapeutics_24`
  GROUP BY 1
) AS second ON first.molregno = second.second_column
```

joins to `patents-public-data:ebi_chembl.compound_records_24::molregno` on **ChEMBL molregno** (95.56%, 1,742,279 rows)

Key	Percent	Rows	Sample values
all	95.56%	1,742,279	['782768', '835927', '1518131', '856191', '1093807']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.molregno IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.ebi_chembl.compound_properties_24`AS first
LEFT JOIN (
  SELECT molregno AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.ebi_chembl.compound_records_24`
  GROUP BY 1
) AS second ON first.molregno = second.second_column
```

joins to `patents-public-data:ebi_chembl.compound_structural_alerts_24::molregno` on **ChEMBL molregno** (70.47%, 1,284,776 rows)

Key	Percent	Rows	Sample values
all	70.47%	1,284,776	['1838894', '2145582', '268148', '647333', '964029']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.molregno IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.ebi_chembl.compound_properties_24`AS first
LEFT JOIN (
  SELECT molregno AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.ebi_chembl.compound_structural_alerts_24`
```

```
  GROUP BY 1
) AS second ON first.molregno = second.second_column
```

joins to `patents-public-data:ebi_chembl.compound_structures_24::molregno` on **ChEMBL molregno** (99.83%, 1,820,030 rows)

Key	Percent	Rows	Sample values
all	99.83%	1,820,030	['125291', '656810', '835435', '406641', '2075271']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.molregno IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.ebi_chembl.compound_properties_24`AS first
LEFT JOIN (
  SELECT molregno AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.ebi_chembl.compound_structures_24`
  GROUP BY 1
) AS second ON first.molregno = second.second_column
```

joins to `patents-public-data:ebi_chembl.drug_indication_24::molregno` on **ChEMBL molregno** (0.21%, 3,743 rows)

Key	Percent	Rows	Sample values
all	0.21%	3,743	['1798186', '167025', '799976', '1837450', '1330405']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.molregno IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.ebi_chembl.compound_properties_24`AS first
LEFT JOIN (
  SELECT molregno AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.ebi_chembl.drug_indication_24`
  GROUP BY 1
) AS second ON first.molregno = second.second_column
```

joins to `patents-public-data:ebi_chembl.drug_mechanism_24::molregno` on **ChEMBL molregno** (0.15%, 2,721 rows)

Key	Percent	Rows	Sample values
all	0.15%	2,721	['1998132', '355169', '1012651', '1952911', '1879238']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.molregno IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.ebi_chembl.compound_properties_24`AS first
LEFT JOIN (
  SELECT molregno AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.ebi_chembl.drug_mechanism_24`
  GROUP BY 1
) AS second ON first.molregno = second.second_column
```

joins to `patents-public-data:ebi_chembl.formulations_24::molregno` on **ChEMBL molregno** (0.10%, 1,868 rows)

Key	Percent	Rows	Sample values
all	0.10%	1,868	['66797', '503205', '1741721', '1052506', '414141']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.molregno IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.ebi_chembl.compound_properties_24`AS first
LEFT JOIN (
  SELECT molregno AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.ebi_chembl.formulations_24`
  GROUP BY 1
) AS second ON first.molregno = second.second_column
```

joins to patents-public-data:ebi_chembl.molecule_atc_classification_24::molregno on **ChEMBL molregno** (0.16%, 2,833 rows)

Key	Percent	Rows	Sample values
all	0.16%	2,833	['516016', '290765', '1534708', '1039831', '2107167']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.molregno IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.ebi_chembl.compound_properties_24`AS first
LEFT JOIN (
  SELECT molregno AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.ebi_chembl.molecule_atc_classification_24`
  GROUP BY 1
) AS second ON first.molregno = second.second_column
```

joins to patents-public-data:ebi_chembl.molecule_dictionary_24::molregno on **ChEMBL molregno** (100.00%, 1,823,191 rows)

Key	Percent	Rows	Sample values
all	100.00%	1,823,191	['1242732', '1533399', '1876919', '876914', '843638']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.molregno IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.ebi_chembl.compound_properties_24`AS first
LEFT JOIN (
  SELECT molregno AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.ebi_chembl.molecule_dictionary_24`
  GROUP BY 1
) AS second ON first.molregno = second.second_column
```

joins to patents-public-data:ebi_chembl.molecule_frac_classification_24::molregno on **ChEMBL molregno** (0.01%, 145 rows)

Key	Percent	Rows	Sample values
all	0.01%	145	['2191787', '2007381', '629923', '1996253', '614593']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.molregno IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.ebi_chembl.compound_properties_24`AS first
LEFT JOIN (
  SELECT molregno AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.ebi_chembl.molecule_frac_classification_24`
  GROUP BY 1
) AS second ON first.molregno = second.second_column
```

joins to patents-public-data:ebi_chembl.molecule_hierarchy_24::molregno on **ChEMBL molregno** (95.66%, 1,744,111 rows)

Key	Percent	Rows	Sample values
all	95.66%	1,744,111	['886653', '832805', '1376448', '808262', '1572273']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.molregno IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.ebi_chembl.compound_properties_24`AS first
LEFT JOIN (
  SELECT molregno AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.ebi_chembl.molecule_hierarchy_24`
  GROUP BY 1
) AS second ON first.molregno = second.second_column
```

joins to patents-public-data:ebi_chembl.molecule_hrac_classification_24::molregno on **ChEMBL molregno** (0.01%, 203 rows)

Key	Percent	Rows	Sample values
all	0.01%	203	['1281504', '2126352', '2028597', '19421', '743200']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.molregno IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.ebi_chembl.compound_properties_24`AS first
LEFT JOIN (
  SELECT molregno AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.ebi_chembl.molecule_hrac_classification_24`
  GROUP BY 1
) AS second ON first.molregno = second.second_column
```

joins to patents-public-data:ebi_chembl.molecule_irac_classification_24::molregno on **ChEMBL molregno** (0.01%, 185 rows)

Key	Percent	Rows	Sample values
all	0.01%	185	['1511687', '1725533', '243611', '2166823', '951831']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
```

```
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.molregno IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.ebi_chembl.compound_properties_24`AS first
LEFT JOIN (
  SELECT molregno AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.ebi_chembl.molecule_irac_classification_24`
  GROUP BY 1
) AS second ON first.molregno = second.second_column
```

joins to patents-public-data:ebi_chembl.molecule_synonyms_24::molregno on **ChEMBL molregno** (4.54%, 82,838 rows)

Key	Percent	Rows	Sample values
all	4.54%	82,838	['2121510', '14510', '852939', '1971426', '37097']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.molregno IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.ebi_chembl.compound_properties_24`AS first
LEFT JOIN (
  SELECT molregno AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.ebi_chembl.molecule_synonyms_24`
  GROUP BY 1
) AS second ON first.molregno = second.second_column
```

joins from patents-public-data:ebi_chembl.activities_24::molregno on **ChEMBL molregno** (99.59%, 15,145,635 rows)

joins from patents-public-data:ebi_chembl.biotherapeutic_components_24::molregno on **ChEMBL molregno** (1.21%, 8 rows)

joins from patents-public-data:ebi_chembl.biotherapeutics_24::molregno on **ChEMBL molregno** (95.98%, 20,454 rows)

joins from patents-public-data:ebi_chembl.compound_records_24::molregno on **ChEMBL molregno** (99.69%, 2,268,901 rows)

joins from patents-public-data:ebi_chembl.compound_structural_alerts_24::molregno on **ChEMBL molregno** (100.00%, 5,477,519 rows)

joins from patents-public-data:ebi_chembl.compound_structures_24::molregno on **ChEMBL molregno** (100.00%, 1,820,030 rows)

joins from patents-public-data:ebi_chembl.drug_indication_24::molregno on **ChEMBL molregno** (80.62%, 23,512 rows)

joins from patents-public-data:ebi_chembl.drug_mechanism_24::molregno on **ChEMBL molregno** (72.08%, 3,598 rows)

joins from patents-public-data:ebi_chembl.formulations_24::molregno on **ChEMBL molregno** (96.31%, 39,824 rows)

joins from patents-public-data:ebi_chembl.molecule_atc_classification_24::molregno on **ChEMBL molregno** (89.44%, 3,810 rows)

joins from patents-public-data:ebi_chembl.molecule_dictionary_24::molregno on **ChEMBL molregno** (99.69%, 1,823,191 rows)

joins from patents-public-data:ebi_chembl.molecule_frac_classification_24::molregno on **ChEMBL molregno** (100.00%, 145 rows)

joins from patents-public-data:ebi_chembl.molecule_hierarchy_24::molregno on **ChEMBL molregno** (99.68%, 1,744,111 rows)

joins from `patents-public-data:ebi_chembl.molecule_hrac_classification_24::molregno` on **ChEMBL molregno** (100.00%, 205 rows)

joins from `patents-public-data:ebi_chembl.molecule_irac_classification_24::molregno` on **ChEMBL molregno** (100.00%, 185 rows)

joins from `patents-public-data:ebi_chembl.molecule_synonyms_24::molregno` on **ChEMBL molregno** (94.48%, 146,753 rows)

---

patents-public-data:ebi__chembl.compound__records__23

Old table version 23, schema skipped.

---

patents-public-data:ebi__chembl.compound__records__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

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Stat	Value
Last updated	2018-10-31
Rows	2,275,906
Size	234.2 MB

Schema

View in BigQuery

- `record_id` STRING NULLABLE
- `molregno` STRING NULLABLE joins on **ChEMBL molregno**
- `doc_id` STRING NULLABLE
- `compound_key` STRING NULLABLE
- `compound_name` STRING NULLABLE
- `src_id` STRING NULLABLE
- `src_compound_id` STRING NULLABLE
- `cidx` STRING NULLABLE

Join columns

molregno

joins to `patents-public-data:ebi_chembl.compound_properties_24::molregno` on **ChEMBL molregno** (99.69%, 2,268,901 rows)

Key	Percent	Rows	Sample values
all	99.69%	2,268,901	['225204', '2056139', '274191', '1678857', '3854']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.molregno IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.ebi_chembl.compound_records_24`AS first
LEFT JOIN (
  SELECT molregno AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.ebi_chembl.compound_properties_24`
  GROUP BY 1
) AS second ON first.molregno = second.second_column
```

joins from `patents-public-data:ebi_chembl.compound_properties_24::molregno` on **ChEMBL molregno** (95.56%, 1,742,279 rows)

---

patents-public-data:ebi_chembl.compound_structural_alerts_23

Old table version 23, schema skipped.

---

patents-public-data:ebi_chembl.compound_structural_alerts_24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	5,477,519
Size	124.3 MB

Schema

View in BigQuery

- `cpd_str_alert_id` STRING NULLABLE
- `molregno` STRING NULLABLE joins on **ChEMBL molregno**
- `alert_id` STRING NULLABLE

Join columns

molregno

joins to `patents-public-data:ebi_chembl.compound_properties_24::molregno` on **ChEMBL molregno** (100.00%, 5,477,519 rows)

Key	Percent	Rows	Sample values
all	100.00%	5,477,519	['116840', '2117811', '331273', '1578999', '778907']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.molregno IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.ebi_chembl.compound_structural_alerts_24`AS first
LEFT JOIN (
  SELECT molregno AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.ebi_chembl.compound_properties_24`
  GROUP BY 1
) AS second ON first.molregno = second.second_column
```

joins from `patents-public-data:ebi_chembl.compound_properties_24::molregno` on **ChEMBL molregno** (70.47%, 1,284,776 rows)

---

patents-public-data:ebi_chembl.compound_structures_23

Old table version 23, schema skipped.

---

patents-public-data:ebi_chembl.compound_structures_24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	1,820,035
Size	4.3 GB

Schema

View in BigQuery

- `molregno` STRING NULLABLE joins on **ChEMBL molregno**
- `molfile` STRING NULLABLE
- `standard_inchi` STRING NULLABLE
- `standard_inchi_key` STRING NULLABLE
- `canonical_smiles` STRING NULLABLE

Join columns

molregno

joins to `patents-public-data:ebi_chembl.compound_properties_24::molregno` on **ChEMBL molregno** (100.00%, 1,820,030 rows)

Key	Percent	Rows	Sample values
all	100.00%	1,820,030	['116833', '1792073', '589285', '1898867', '1570138']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.molregno IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.ebi_chembl.compound_structures_24`AS first
LEFT JOIN (
  SELECT molregno AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.ebi_chembl.compound_properties_24`
  GROUP BY 1
) AS second ON first.molregno = second.second_column
```

joins from `patents-public-data:ebi_chembl.compound_properties_24::molregno` on **ChEMBL molregno** (99.83%, 1,820,030 rows)

---

patents-public-data:ebi_chembl.confidence_score_lookup_23

Old table version `23`, schema skipped.

---

patents-public-data:ebi_chembl.confidence_score_lookup_24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	10
Size	681 Bytes

Schema

View in BigQuery

- `confidence_score` STRING NULLABLE

- `description` STRING NULLABLE

- `target_mapping` STRING NULLABLE

patents-public-data:ebi__chembl.curation_lookup_23

Old table version 23, schema skipped.

---

patents-public-data:ebi__chembl.curation_lookup_24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	3
Size	214 Bytes

Schema

View in BigQuery

- `curated_by` STRING NULLABLE
- `description` STRING NULLABLE

---

patents-public-data:ebi__chembl.data_validity_lookup_23

Old table version 23, schema skipped.

---

patents-public-data:ebi__chembl.data_validity_lookup_24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	7
Size	804 Bytes

Schema

View in BigQuery

- `data_validity_comment` STRING NULLABLE
- `description` STRING NULLABLE

---

patents-public-data:ebi__chembl.defined__daily__dose__23

Old table version `23`, schema skipped.

---

patents-public-data:ebi__chembl.defined__daily__dose__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl__23/chembl__23__schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl__23/schema__documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	2,456
Size	66.9 kB

Schema

View in BigQuery

- `atc_code` STRING NULLABLE
- `ddd_units` STRING NULLABLE
- `ddd_admr` STRING NULLABLE
- `ddd_comment` STRING NULLABLE
- `ddd_id` STRING NULLABLE
- `ddd_value` STRING NULLABLE

---

patents-public-data:ebi__chembl.docs__23

Old table version `23`, schema skipped.

---

patents-public-data:ebi__chembl.docs__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	69,861
Size	75.5 MB

Schema

View in BigQuery

- `doc_id` STRING NULLABLE
- `journal` STRING NULLABLE
- `year` STRING NULLABLE
- `volume` STRING NULLABLE
- `issue` STRING NULLABLE
- `first_page` STRING NULLABLE
- `last_page` STRING NULLABLE
- `pubmed_id` STRING NULLABLE
- `doi` STRING NULLABLE
- `chembl_id` STRING NULLABLE
- `title` STRING NULLABLE
- `doc_type` STRING NULLABLE
- `authors` STRING NULLABLE
- `abstract` STRING NULLABLE
- `patent_id` STRING NULLABLE
- `ridx` STRING NULLABLE
- `src_id` STRING NULLABLE

---

patents-public-data:ebi__chembl.domains__23

Old table version 23, schema skipped.

---

patents-public-data:ebi__chembl.domains__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

Stat	Value
Last updated	2018-10-31
Rows	2,722
Size	93.0 kB

Schema

View in BigQuery

- `domain_id` STRING NULLABLE
- `domain_type` STRING NULLABLE
- `source_domain_id` STRING NULLABLE
- `domain_name` STRING NULLABLE
- `domain_description` STRING NULLABLE

---

patents-public-data:ebi__chembl.drug__indication__23

Old table version 23, schema skipped.

---

patents-public-data:ebi__chembl.drug__indication__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

Stat	Value
Last updated	2018-10-31
Rows	29,163
Size	2.6 MB

Schema

View in BigQuery

- `drugind_id` STRING NULLABLE
- `record_id` STRING NULLABLE
- `molregno` STRING NULLABLE joins on **ChEMBL molregno**
- `max_phase_for_ind` STRING NULLABLE
- `mesh_id` STRING NULLABLE

- `mesh_heading` STRING NULLABLE

- `efo_id` STRING NULLABLE

- `efo_term` STRING NULLABLE

Join columns

molregno

joins to `patents-public-data:ebi_chembl.compound_properties_24::molregno` on **ChEMBL molregno** (80.62%, 23,512 rows)

Key	Percent	Rows	Sample values
all	80.62%	23,512	['1380352', '4730', '1626763', '1381852', '520664']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.molregno IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.ebi_chembl.drug_indication_24`AS first
LEFT JOIN (
  SELECT molregno AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.ebi_chembl.compound_properties_24`
  GROUP BY 1
) AS second ON first.molregno = second.second_column
```

joins from `patents-public-data:ebi_chembl.compound_properties_24::molregno` on **ChEMBL molregno** (0.21%, 3,743 rows)

---

patents-public-data:ebi__chembl.drug__mechanism__23

Old table version 23, schema skipped.

---

patents-public-data:ebi__chembl.drug__mechanism__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	4,992
Size	694.4 kB

Schema

View in BigQuery

- `mec_id` STRING NULLABLE
- `record_id` STRING NULLABLE
- `molregno` STRING NULLABLE joins on **ChEMBL molregno**
- `mechanism_of_action` STRING NULLABLE
- `tid` STRING NULLABLE
- `site_id` STRING NULLABLE
- `action_type` STRING NULLABLE
- `direct_interaction` STRING NULLABLE
- `molecular_mechanism` STRING NULLABLE
- `disease_efficacy` STRING NULLABLE
- `mechanism_comment` STRING NULLABLE
- `selectivity_comment` STRING NULLABLE
- `binding_site_comment` STRING NULLABLE

Join columns

molregno

joins to `patents-public-data:ebi_chembl.compound_properties_24::molregno` on **ChEMBL molregno** (72.08%, 3,598 rows)

Key	Percent	Rows	Sample values
all	72.08%	3,598	['476314', '235143', '1380150', '682106', '1121294']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.molregno IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.ebi_chembl.drug_mechanism_24`AS first
LEFT JOIN (
  SELECT molregno AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.ebi_chembl.compound_properties_24`
  GROUP BY 1
) AS second ON first.molregno = second.second_column
```

joins from `patents-public-data:ebi_chembl.compound_properties_24::molregno` on **ChEMBL molregno** (0.15%, 2,721 rows)

---

patents-public-data:ebi__chembl.formulations__23

Old table version **23**, schema skipped.

---

patents-public-data:ebi__chembl.formulations__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	41,348
Size	3.2 MB

Schema

View in BigQuery

- `product_id` STRING NULLABLE
- `ingredient` STRING NULLABLE
- `strength` STRING NULLABLE
- `record_id` STRING NULLABLE
- `molregno` STRING NULLABLE joins on **ChEMBL molregno**
- `formulation_id` STRING NULLABLE

Join columns

molregno

joins to `patents-public-data:ebi_chembl.compound_properties_24::molregno` on **ChEMBL molregno** (96.31%, 39,824 rows)

Key	Percent	Rows	Sample values
all	96.31%	39,824	['1676284', '386457', '674619', '32869', '8873']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.molregno IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.ebi_chembl.formulations_24`AS first
LEFT JOIN (
  SELECT molregno AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.ebi_chembl.compound_properties_24`
  GROUP BY 1
) AS second ON first.molregno = second.second_column
```

joins from `patents-public-data:ebi_chembl.compound_properties_24::molregno` on **ChEMBL molregno** (0.10%, 1,868 rows)

---

patents-public-data:ebi__chembl.frac__classification__23

Old table version 23, schema skipped.

---

patents-public-data:ebi__chembl.frac__classification__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	217
Size	37.2 kB

Schema

View in BigQuery

- `frac_class_id` STRING NULLABLE
- `active_ingredient` STRING NULLABLE
- `level1` STRING NULLABLE
- `level1_description` STRING NULLABLE
- `level2` STRING NULLABLE
- `level2_description` STRING NULLABLE
- `level3` STRING NULLABLE
- `level3_description` STRING NULLABLE
- `level4` STRING NULLABLE
- `level4_description` STRING NULLABLE
- `level5` STRING NULLABLE
- `frac_code` STRING NULLABLE

---

patents-public-data:ebi__chembl.go__classification__23

Old table version 23, schema skipped.

---

patents-public-data:ebi__chembl.go__classification__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	309
Size	40.3 kB

Schema

View in BigQuery

- `go_id` STRING NULLABLE
- `parent_go_id` STRING NULLABLE
- `pref_name` STRING NULLABLE
- `class_level` STRING NULLABLE
- `aspect` STRING NULLABLE
- `path` STRING NULLABLE

---

patents-public-data:ebi_chembl.hrac_classification_23

Old table version 23, schema skipped.

---

patents-public-data:ebi_chembl.hrac_classification_24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	273
Size	27.4 kB

Schema

View in BigQuery

- `hrac_class_id` STRING NULLABLE
- `active_ingredient` STRING NULLABLE

- `level1` STRING NULLABLE

- `level1_description` STRING NULLABLE

- `level2` STRING NULLABLE

- `level2_description` STRING NULLABLE

- `level3` STRING NULLABLE

- `hrac_code` STRING NULLABLE

---

patents-public-data:ebi__chembl.indication__refs__23

Old table version 23, schema skipped.

---

patents-public-data:ebi__chembl.indication__refs__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	35,268
Size	5.9 MB

Schema

View in BigQuery

- `indref_id` STRING NULLABLE

- `drugind_id` STRING NULLABLE

- `ref_type` STRING NULLABLE

- `ref_id` STRING NULLABLE

- `ref_url` STRING NULLABLE

---

patents-public-data:ebi__chembl.irac__classification__23

Old table version 23, schema skipped.

---

patents-public-data:ebi__chembl.irac__classification__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	251
Size	30.6 kB

Schema

View in BigQuery

- `irac_class_id` STRING NULLABLE
- `active_ingredient` STRING NULLABLE
- `level1` STRING NULLABLE
- `level1_description` STRING NULLABLE
- `level2` STRING NULLABLE
- `level2_description` STRING NULLABLE
- `level3` STRING NULLABLE
- `level3_description` STRING NULLABLE
- `level4` STRING NULLABLE
- `irac_code` STRING NULLABLE

---

patents-public-data:ebi__chembl.ligand__eff__23

Old table version 23, schema skipped.

---

patents-public-data:ebi__chembl.ligand__eff__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	1,215,303

Stat	Value
Size	40.9 MB

Schema

View in BigQuery

- `activity_id` STRING NULLABLE

- `bei` STRING NULLABLE

- `sei` STRING NULLABLE

- `le` STRING NULLABLE

- `lle` STRING NULLABLE

---

patents-public-data:ebi__chembl.match__23

Old table version `23`, schema skipped.

---

patents-public-data:ebi__chembl.match__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	4,456
Size	108.5 kB

Schema

View in BigQuery

- `patent_no` STRING NULLABLE joins on **ChEMBL patent_no**

- `publication_number` STRING NULLABLE joins on **publication_number**

Join columns

patent__no

joins to `patents-public-data:ebi_chembl.product_patents_24::patent_no` on **ChEMBL patent_no** (100.00%, 4,456 rows)

Key	Percent	Rows	Sample values
Key	Percent	Rows	Sample values
all	100.00%	4,456	['9186357', '8137993', '7420057', '8039494', '6315173*PED']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.patent_no IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.ebi_chembl.match_24`AS first
LEFT JOIN (
  SELECT patent_no AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.ebi_chembl.product_patents_24`
  GROUP BY 1
) AS second ON first.patent_no = second.second_column
```

joins from patents-public-data:ebi_chembl.product_patents_24::patent_no on **ChEMBL patent_no** (100.00%, 14,113 rows)

publication_number

joins to patents-public-data:patents.publications::publication_number on **publication_number** (100.00%, 4,456 rows)

Key	Percent	Rows	Sample values
all	100.00%	4,456	['US-8608698-B2', 'US-8052994-B2', 'US-8604064-B2', 'US-9050302-B2', 'US-8858961-B2']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.publication_number IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.ebi_chembl.match_24`AS first
LEFT JOIN (
  SELECT publication_number AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patents.publications`
  GROUP BY 1
) AS second ON first.publication_number = second.second_column
```

joins from patents-public-data:patents.publications::publication_number on **publication_number** (0.00%, 3,963 rows)

---

patents-public-data:ebi_chembl.mechanism_refs_23

Old table version 23, schema skipped.

---

patents-public-data:ebi_chembl.mechanism_refs_24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	9,536
Size	907.4 kB

Schema

View in BigQuery

- `mecref_id` STRING NULLABLE
- `mec_id` STRING NULLABLE
- `ref_type` STRING NULLABLE
- `ref_id` STRING NULLABLE
- `ref_url` STRING NULLABLE

---

patents-public-data:ebi__chembl.metabolism__23

Old table version `23`, schema skipped.

---

patents-public-data:ebi__chembl.metabolism__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	1,245
Size	246.7 kB

Schema

View in BigQuery

- `met_id` STRING NULLABLE
- `drug_record_id` STRING NULLABLE
- `substrate_record_id` STRING NULLABLE

- `metabolite_record_id` STRING NULLABLE
- `pathway_id` STRING NULLABLE
- `pathway_key` STRING NULLABLE
- `enzyme_name` STRING NULLABLE
- `enzyme_tid` STRING NULLABLE
- `met_conversion` STRING NULLABLE
- `organism` STRING NULLABLE
- `tax_id` STRING NULLABLE
- `met_comment` STRING NULLABLE

---

patents-public-data:ebi__chembl.metabolism__refs__23

Old table version 23, schema skipped.

---

patents-public-data:ebi__chembl.metabolism__refs__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	2,409
Size	215.5 kB

Schema

View in BigQuery

- `metref_id` STRING NULLABLE
- `met_id` STRING NULLABLE
- `ref_type` STRING NULLABLE
- `ref_id` STRING NULLABLE
- `ref_url` STRING NULLABLE

---

patents-public-data:ebi__chembl.molecule__atc__classification__23

Old table version 23, schema skipped.

---

patents-public-data:ebi__chembl.molecule__atc__classification__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl__23/chembl__23__schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl__23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	4,260
Size	102.0 kB

Schema

View in BigQuery

- `mol_atc_id` STRING NULLABLE
- `level5` STRING NULLABLE
- `molregno` STRING NULLABLE joins on **ChEMBL molregno**

Join columns

molregno

joins to `patents-public-data:ebi_chembl.compound_properties_24::molregno` on **ChEMBL molregno** (89.44%, 3,810 rows)

Key	Percent	Rows	Sample values
all	89.44%	3,810	['1381409', '675164', '139286', '1380107', '11143']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.molregno IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.ebi_chembl.molecule_atc_classification_24`AS first
LEFT JOIN (
  SELECT molregno AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.ebi_chembl.compound_properties_24`
  GROUP BY 1
) AS second ON first.molregno = second.second_column
```

joins from `patents-public-data:ebi_chembl.compound_properties_24::molregno` on **ChEMBL molregno** (0.16%, 2,833 rows)

---

patents-public-data:ebi__chembl.molecule__dictionary__23

Old table version `23`, schema skipped.

---

patents-public-data:ebi__chembl.molecule__dictionary__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl__23/chembl__23__schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl__23/schema__documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	1,828,820
Size	173.6 MB

Schema

View in BigQuery

- `molregno` STRING NULLABLE joins on **ChEMBL molregno**
- `pref_name` STRING NULLABLE
- `chembl_id` STRING NULLABLE
- `max_phase` STRING NULLABLE
- `therapeutic_flag` STRING NULLABLE
- `dosed_ingredient` STRING NULLABLE
- `structure_type` STRING NULLABLE
- `chebi_par_id` STRING NULLABLE
- `molecule_type` STRING NULLABLE
- `first_approval` STRING NULLABLE
- `oral` STRING NULLABLE
- `parenteral` STRING NULLABLE
- `topical` STRING NULLABLE
- `black_box_warning` STRING NULLABLE
- `natural_product` STRING NULLABLE
- `first_in_class` STRING NULLABLE
- `chirality` STRING NULLABLE
- `prodrug` STRING NULLABLE
- `inorganic_flag` STRING NULLABLE
- `usan_year` STRING NULLABLE
- `availability_type` STRING NULLABLE
- `usan_stem` STRING NULLABLE
- `polymer_flag` STRING NULLABLE
- `usan_substem` STRING NULLABLE
- `usan_stem_definition` STRING NULLABLE

- `indication_class` STRING NULLABLE

- `withdrawn_flag` STRING NULLABLE

- `withdrawn_year` STRING NULLABLE

- `withdrawn_country` STRING NULLABLE

- `withdrawn_reason` STRING NULLABLE

- `withdrawn_class` STRING NULLABLE

Join columns

molregno

joins to `patents-public-data:ebi_chembl.compound_properties_24::molregno` on **ChEMBL molregno** (99.69%, 1,823,191 rows)

Key	Percent	Rows	Sample values
all	99.69%	1,823,191	['588882', '457772', '153391', '454374', '846922']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.molregno IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.ebi_chembl.molecule_dictionary_24`AS first
LEFT JOIN (
  SELECT molregno AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.ebi_chembl.compound_properties_24`
  GROUP BY 1
) AS second ON first.molregno = second.second_column
```

joins from `patents-public-data:ebi_chembl.compound_properties_24::molregno` on **ChEMBL molregno** (100.00%, 1,823,191 rows)

---

patents-public-data:ebi_chembl.molecule_frac_classification_23

Old table version 23, schema skipped.

---

patents-public-data:ebi_chembl.molecule_frac_classification_24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	145
Size	2.6 kB

Schema

View in BigQuery

- `mol_frac_id` STRING NULLABLE
- `frac_class_id` STRING NULLABLE
- `molregno` STRING NULLABLE joins on **ChEMBL molregno**

Join columns

molregno

joins to `patents-public-data:ebi_chembl.compound_properties_24::molregno` on **ChEMBL molregno** (100.00%, 145 rows)

Key	Percent	Rows	Sample values
all	100.00%	145	['467422', '26722', '1493656', '1672848', '38856']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.molregno IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.ebi_chembl.molecule_frac_classification_24`AS first
LEFT JOIN (
  SELECT molregno AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.ebi_chembl.compound_properties_24`
  GROUP BY 1
) AS second ON first.molregno = second.second_column
```

joins from `patents-public-data:ebi_chembl.compound_properties_24::molregno` on **ChEMBL molregno** (0.01%, 145 rows)

---

patents-public-data:ebi__chembl.molecule__hierarchy__23

Old table version `23`, schema skipped.

---

patents-public-data:ebi__chembl.molecule__hierarchy__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	1,749,733
Size	44.4 MB

Schema

View in BigQuery

- `molregno` STRING NULLABLE joins on **ChEMBL molregno**

- `parent_molregno` STRING NULLABLE

- `active_molregno` STRING NULLABLE

Join columns

molregno

joins to `patents-public-data:ebi_chembl.compound_properties_24::molregno` on **ChEMBL molregno** (99.68%, 1,744,111 rows)

Key	Percent	Rows	Sample values
all	99.68%	1,744,111	['1992998', '1609435', '523529', '1280708', '1228329']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.molregno IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.ebi_chembl.molecule_hierarchy_24`AS first
LEFT JOIN (
  SELECT molregno AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.ebi_chembl.compound_properties_24`
  GROUP BY 1
) AS second ON first.molregno = second.second_column
```

joins from `patents-public-data:ebi_chembl.compound_properties_24::molregno` on **ChEMBL molregno** (95.66%, 1,744,111 rows)

---

patents-public-data:ebi_chembl.molecule_hrac_classification_23

Old table version 23, schema skipped.

---

patents-public-data:ebi_chembl.molecule_hrac_classification_24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	205
Size	3.6 kB

Schema

View in BigQuery

- `mol_hrac_id` STRING NULLABLE

- `hrac_class_id` STRING NULLABLE

- `molregno` STRING NULLABLE joins on **ChEMBL molregno**

Join columns

molregno

joins to `patents-public-data:ebi_chembl.compound_properties_24::molregno` on **ChEMBL molregno** (100.00%, 205 rows)

Key	Percent	Rows	Sample values
all	100.00%	205	['1227289', '1475509', '454216', '1627951', '1016208']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.molregno IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.ebi_chembl.molecule_hrac_classification_24`AS first
LEFT JOIN (
  SELECT molregno AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.ebi_chembl.compound_properties_24`
  GROUP BY 1
) AS second ON first.molregno = second.second_column
```

joins from `patents-public-data:ebi_chembl.compound_properties_24::molregno` on **ChEMBL molregno** (0.01%, 203 rows)

---

patents-public-data:ebi_chembl.molecule_irac_classification_23

Old table version `23`, schema skipped.

---

patents-public-data:ebi_chembl.molecule_irac_classification_24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	185
Size	3.2 kB

Schema

View in BigQuery

- `mol_irac_id` STRING NULLABLE

- `irac_class_id` STRING NULLABLE

- `molregno` STRING NULLABLE joins on **ChEMBL molregno**

Join columns

molregno

joins to `patents-public-data:ebi_chembl.compound_properties_24::molregno` on **ChEMBL molregno** (100.00%, 185 rows)

Key	Percent	Rows	Sample values
all	100.00%	185	['1232083', '421902', '1464243', '1461978', '1476106']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.molregno IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.ebi_chembl.molecule_irac_classification_24`AS first
LEFT JOIN (
  SELECT molregno AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.ebi_chembl.compound_properties_24`
  GROUP BY 1
) AS second ON first.molregno = second.second_column
```

joins from `patents-public-data:ebi_chembl.compound_properties_24::molregno` on **ChEMBL molregno** (0.01%, 185 rows)

---

patents-public-data:ebi_chembl.molecule_synonyms_23

Old table version `23`, schema skipped.

---

patents-public-data:ebi_chembl.molecule_synonyms_24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	155,331
Size	6.6 MB

Schema

View in BigQuery

- `molregno` STRING NULLABLE joins on **ChEMBL molregno**

- `syn_type` STRING NULLABLE

- `molsyn_id` STRING NULLABLE

- `res_stem_id` STRING NULLABLE

- `synonyms` STRING NULLABLE

Join columns

molregno

joins to `patents-public-data:ebi_chembl.compound_properties_24::molregno` on **ChEMBL molregno** (94.48%, 146,753 rows)

Key	Percent	Rows	Sample values
all	94.48%	146,753	['530090', '54404', '1381334', '1064828', '538050']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.molregno IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.ebi_chembl.molecule_synonyms_24`AS first
LEFT JOIN (
  SELECT molregno AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.ebi_chembl.compound_properties_24`
  GROUP BY 1
) AS second ON first.molregno = second.second_column
```

joins from `patents-public-data:ebi_chembl.compound_properties_24::molregno` on **ChEMBL molregno** (4.54%, 82,838 rows)

---

patents-public-data:ebi__chembl.organism__class__23

Old table version 23, schema skipped.

---

patents-public-data:ebi__chembl.organism__class__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31

Stat	Value
Rows	3,783
Size	170.3 kB

Schema

View in BigQuery

- `oc_id` STRING NULLABLE
- `tax_id` STRING NULLABLE
- `l1` STRING NULLABLE
- `l2` STRING NULLABLE
- `l3` STRING NULLABLE

---

patents-public-data:ebi__chembl.parameter__type__23

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2017-10-20
Rows	67
Size	5.9 kB

Schema

View in BigQuery

- `parameter_type` STRING
- `description` STRING

---

patents-public-data:ebi__chembl.patent__use__codes__23

Old table version 23, schema skipped.

---

patents-public-data:ebi__chembl.patent__use__codes__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	2,205
Size	240.7 kB

Schema

View in BigQuery

- `patent_use_code` STRING NULLABLE

- `definition` STRING NULLABLE

---

patents-public-data:ebi__chembl.predicted__binding__domains__23

Old table version `23`, schema skipped.

---

patents-public-data:ebi__chembl.predicted__binding__domains__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23__schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	707,507
Size	31.8 MB

Schema

View in BigQuery

- `predbind_id` STRING NULLABLE

- `activity_id` STRING NULLABLE

- `site_id` STRING NULLABLE

- `prediction_method` STRING NULLABLE

- `confidence` STRING NULLABLE

---

patents-public-data:ebi__chembl.product__patents__23

Old table version 23, schema skipped.

---

patents-public-data:ebi__chembl.product__patents__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	14,113
Size	1.3 MB

Schema

View in BigQuery

- `prod_pat_id` STRING NULLABLE

- `product_id` STRING NULLABLE

- `patent_no` STRING NULLABLE joins on **ChEMBL patent__no**

- `patent_expire_date` STRING NULLABLE

- `drug_substance_flag` STRING NULLABLE

- `drug_product_flag` STRING NULLABLE

- `patent_use_code` STRING NULLABLE

- `delist_flag` STRING NULLABLE

- `submission_date` STRING NULLABLE

Join columns

patent__no

joins to `patents-public-data:ebi_chembl.match_24::patent_no` on **ChEMBL patent__no** (100.00%, 14,113 rows)

Key	Percent	Rows	Sample values
all	100.00%	14,113	['8288539', '8691878*PED', '6596756*PED', '6066339', '6376515']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.patent_no IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.ebi_chembl.product_patents_24`AS first
LEFT JOIN (
```

```
  SELECT patent_no AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.ebi_chembl.match_24`
  GROUP BY 1
) AS second ON first.patent_no = second.second_column
```

joins from `patents-public-data:ebi_chembl.match_24::patent_no` on **ChEMBL patent__no** (100.00%, 4,456 rows)

———————————————————————

patents-public-data:ebi__chembl.products__23

Old table version 23, schema skipped.

———————————————————————

patents-public-data:ebi__chembl.products__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	34,986
Size	4.7 MB

Schema

View in BigQuery

- `dosage_form` STRING NULLABLE
- `route` STRING NULLABLE
- `trade_name` STRING NULLABLE
- `approval_date` STRING NULLABLE
- `ad_type` STRING NULLABLE
- `oral` STRING NULLABLE
- `topical` STRING NULLABLE
- `parenteral` STRING NULLABLE
- `black_box_warning` STRING NULLABLE
- `applicant_full_name` STRING NULLABLE
- `innovator_company` STRING NULLABLE
- `product_id` STRING NULLABLE
- `nda_type` STRING NULLABLE

———————————————————————

patents-public-data:ebi__chembl.protein__class__synonyms__23

Old table version 23, schema skipped.

---

patents-public-data:ebi__chembl.protein__class__synonyms__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	7,539
Size	383.1 kB

Schema

View in BigQuery

- `protclasssyn_id` STRING NULLABLE
- `protein_class_id` STRING NULLABLE
- `protein_class_synonym` STRING NULLABLE
- `syn_type` STRING NULLABLE

---

patents-public-data:ebi__chembl.protein__classification__23

Old table version 23, schema skipped.

---

patents-public-data:ebi__chembl.protein__classification__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	858
Size	155.9 kB

Schema

View in BigQuery

- `protein_class_id` STRING NULLABLE
- `parent_id` STRING NULLABLE
- `pref_name` STRING NULLABLE
- `short_name` STRING NULLABLE
- `protein_class_desc` STRING NULLABLE
- `definition` STRING NULLABLE
- `class_level` STRING NULLABLE

---

patents-public-data:ebi__chembl.protein_family_classification_23

Old table version 23, schema skipped.

---

patents-public-data:ebi__chembl.protein_family_classification_24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	857
Size	128.4 kB

Schema

View in BigQuery

- `protein_class_id` STRING NULLABLE
- `protein_class_desc` STRING NULLABLE
- `l1` STRING NULLABLE
- `l2` STRING NULLABLE
- `l3` STRING NULLABLE
- `l4` STRING NULLABLE
- `l5` STRING NULLABLE
- `l6` STRING NULLABLE
- `l7` STRING NULLABLE
- `l8` STRING NULLABLE

patents-public-data:ebi__chembl.relationship__type__23

Old table version 23, schema skipped.

---

patents-public-data:ebi__chembl.relationship__type__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	6
Size	238 Bytes

Schema

View in BigQuery

- `relationship_type` STRING NULLABLE
- `relationship_desc` STRING NULLABLE

---

patents-public-data:ebi__chembl.research__companies__23

Old table version 23, schema skipped.

---

patents-public-data:ebi__chembl.research__companies__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	812
Size	25.6 kB

Schema

View in BigQuery

- `co_stem_id` STRING NULLABLE
- `res_stem_id` STRING NULLABLE
- `company` STRING NULLABLE
- `country` STRING NULLABLE
- `previous_company` STRING NULLABLE

---

patents-public-data:ebi__chembl.research__stem__23

Old table version `23`, schema skipped.

---

patents-public-data:ebi__chembl.research__stem__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	670
Size	6.4 kB

Schema

View in BigQuery

- `res_stem_id` STRING NULLABLE
- `research_stem` STRING NULLABLE

---

patents-public-data:ebi__chembl.site__components__23

Old table version `23`, schema skipped.

---

patents-public-data:ebi__chembl.site__components__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	13,620
Size	320.5 kB

Schema

View in BigQuery

- `sitecomp_id` STRING NULLABLE
- `site_id` STRING NULLABLE
- `component_id` STRING NULLABLE
- `domain_id` STRING NULLABLE
- `site_residues` STRING NULLABLE

---

patents-public-data:ebi__chembl.source__23

Old table version 23, schema skipped.

---

patents-public-data:ebi__chembl.source__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	44
Size	1.9 kB

Schema

View in BigQuery

- `src_id` STRING NULLABLE
- `src_description` STRING NULLABLE
- `src_short_name` STRING NULLABLE

---

patents-public-data:ebi__chembl.sqlite__stat1__23

Old table version `23`, schema skipped.

---

patents-public-data:ebi__chembl.sqlite__stat1__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	208
Size	12.1 kB

Schema

View in BigQuery

- `tbl` STRING NULLABLE
- `idx` STRING NULLABLE
- `stat` STRING NULLABLE

---

patents-public-data:ebi__chembl.structural_alert_sets__23

Old table version `23`, schema skipped.

---

patents-public-data:ebi__chembl.structural_alert_sets__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	8
Size	114 Bytes

Schema

View in BigQuery

- `alert_set_id` STRING NULLABLE
- `set_name` STRING NULLABLE
- `priority` STRING NULLABLE

---

patents-public-data:ebi__chembl.structural_alerts__23

Old table version `23`, schema skipped.

---

patents-public-data:ebi__chembl.structural_alerts__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	1,251
Size	107.2 kB

Schema

View in BigQuery

- `alert_id` STRING NULLABLE
- `alert_set_id` STRING NULLABLE
- `alert_name` STRING NULLABLE
- `smarts` STRING NULLABLE

---

patents-public-data:ebi__chembl.target_components__23

Old table version `23`, schema skipped.

---

patents-public-data:ebi__chembl.target_components__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	10,468
Size	237.6 kB

Schema

View in BigQuery

- `tid` STRING NULLABLE
- `component_id` STRING NULLABLE
- `targcomp_id` STRING NULLABLE
- `homologue` STRING NULLABLE

---

patents-public-data:ebi_chembl.target_dictionary__23

Old table version 23, schema skipped.

---

patents-public-data:ebi_chembl.target_dictionary__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	12,091
Size	1.1 MB

Schema

View in BigQuery

- `tid` STRING NULLABLE
- `target_type` STRING NULLABLE
- `pref_name` STRING NULLABLE
- `tax_id` STRING NULLABLE
- `organism` STRING NULLABLE

- `chembl_id` STRING NULLABLE

- `species_group_flag` STRING NULLABLE

----

patents-public-data:ebi__chembl.target__relations__23

Old table version `23`, schema skipped.

----

patents-public-data:ebi__chembl.target__relations__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	6,922
Size	244.7 kB

Schema

View in BigQuery

- `tid` STRING NULLABLE

- `relationship` STRING NULLABLE

- `related_tid` STRING NULLABLE

- `targrel_id` STRING NULLABLE

----

patents-public-data:ebi__chembl.target__type__23

Old table version `23`, schema skipped.

----

patents-public-data:ebi__chembl.target__type__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	27
Size	2.3 kB

Schema

View in BigQuery

- `target_type` STRING NULLABLE
- `target_desc` STRING NULLABLE
- `parent_type` STRING NULLABLE

---

patents-public-data:ebi__chembl.tissue_dictionary__23

Old table version 23, schema skipped.

---

patents-public-data:ebi__chembl.tissue_dictionary__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	655
Size	35.8 kB

Schema

View in BigQuery

- `tissue_id` STRING NULLABLE
- `uberon_id` STRING NULLABLE
- `pref_name` STRING NULLABLE
- `efo_id` STRING NULLABLE
- `chembl_id` STRING NULLABLE
- `bto_id` STRING NULLABLE
- `caloha_id` STRING NULLABLE

---

patents-public-data:ebi__chembl.usan__stems__23

Old table version 23, schema skipped.

---

patents-public-data:ebi__chembl.usan__stems__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	700
Size	53.9 kB

Schema

View in BigQuery

- `usan_stem_id` STRING NULLABLE
- `stem` STRING NULLABLE
- `subgroup` STRING NULLABLE
- `annotation` STRING NULLABLE
- `stem_class` STRING NULLABLE
- `major_class` STRING NULLABLE
- `who_extra` STRING NULLABLE

---

patents-public-data:ebi__chembl.variant__sequences__23

Old table version 23, schema skipped.

---

patents-public-data:ebi__chembl.variant__sequences__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	1,200
Size	843.5 kB

Schema

View in BigQuery

- `variant_id` STRING NULLABLE
- `mutation` STRING NULLABLE
- `accession` STRING NULLABLE
- `version` STRING NULLABLE
- `isoform` STRING NULLABLE
- `sequence` STRING NULLABLE
- `organism` STRING NULLABLE

---

patents-public-data:ebi__chembl.version__23

Old table version 23, schema skipped.

---

patents-public-data:ebi__chembl.version__24

ChEMBL Data is a manually curated database of small molecules used in drug discovery, including information about existing patented drugs.

Schema: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/chembl_23_schema.png

Documentation: http://ftp.ebi.ac.uk/pub/databases/chembl/ChEMBLdb/releases/chembl_23/schema_documentation.html

"ChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0. Modifications have been made to add normalized publication numbers.

Stat	Value
Last updated	2018-10-31
Rows	1
Size	58 Bytes

Schema

View in BigQuery

- `name` STRING NULLABLE
- `creation_date` STRING NULLABLE
- `comments` STRING NULLABLE

---

patents-public-data:ebi__surechembl.map

SureChEMBL Data is a database of compounds extracted from the full text, images and attachments of patent documents.

"SureChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0.

Stat	Value
Last updated	2018-11-01
Rows	278,559,964
Size	37.3 GB

Schema

View in BigQuery

- `schembl_id` STRING NULLABLE
- `smiles` STRING NULLABLE
- `inchi_key` STRING NULLABLE
- `corpus_frequency` STRING NULLABLE
- `patent_id` STRING NULLABLE joins on **SureChEMBL patent__id**
- `publication_date` STRING NULLABLE
- `field` STRING NULLABLE
- `field_frequency` STRING NULLABLE

Join columns

patent__id

joins to `patents-public-data:ebi_surechembl.match::patent_id` on **SureChEMBL patent__id** (100.00%, 278,559,964 rows)

Key	Percent	Rows	Sample values
all	100.00%	278,559,964	['US-20050038031-A1', 'US-7666895-B2', 'EP-1876174-B1', 'US-20060156484-A1', 'WO-2001034626-A1']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.patent_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.ebi_surechembl.map`AS first
LEFT JOIN (
  SELECT patent_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.ebi_surechembl.match`
  GROUP BY 1
) AS second ON first.patent_id = second.second_column
```

joins from `patents-public-data:ebi_surechembl.match::patent_id` on **SureChEMBL patent__id** (100.00%, 4,227,188 rows)

patents-public-data:ebi__surechembl.map__201710

Old table version `201710`, schema skipped.

---

patents-public-data:ebi__surechembl.match

SureChEMBL Data is a database of compounds extracted from the full text, images and attachments of patent documents.

"SureChEMBL" by the European Bioinformatics Institute (EMBL-EBI), used under CC BY-SA 3.0.

Stat	Value
Last updated	2018-11-01
Rows	4,227,188
Size	136.9 MB

Schema

View in BigQuery

- `patent_id` STRING NULLABLE joins on **SureChEMBL patent_id**
- `publication_number` STRING NULLABLE joins on **publication_number**

Join columns

patent_id

joins to `patents-public-data:ebi_surechembl.map::patent_id` on **SureChEMBL patent_id** (100.00%, 4,227,188 rows)

Key	Percent	Rows	Sample values
all	100.00%	4,227,188	['US-9650617-B2', 'US-6011168-A', 'US-20100323423-A1', 'EP-3261436-A1', 'EP-2308977-B1']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.patent_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.ebi_surechembl.match`AS first
LEFT JOIN (
  SELECT patent_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.ebi_surechembl.map`
  GROUP BY 1
) AS second ON first.patent_id = second.second_column
```

joins from `patents-public-data:ebi_surechembl.map::patent_id` on **SureChEMBL patent_id** (100.00%, 278,559,964 rows)

publication_number

joins to `patents-public-data:patents.publications::publication_number` on **publication_number** (99.73%, 4,215,650 rows)

Key	Percent	Rows	Sample values
all	99.73%	4,215,650	['WO-2013122645-A1', 'JP-S5289676-A', 'US-6159510-A', 'US-2014093505-A1', 'US-2005272899-A1']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.publication_number IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.ebi_surechembl.match`AS first
LEFT JOIN (
  SELECT publication_number AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patents.publications`
  GROUP BY 1
) AS second ON first.publication_number = second.second_column
```

joins from patents-public-data:patents.publications::publication_number on **publication_number** (4.29%, 4,215,650 rows)

––

patents-public-data:ebi_surechembl.match_201710

Old table version 201710, schema skipped.