

# Property browser


- [Browser of properties](#)
- [Property profile](#)

## Browser of properties

*Properties* in OCHEM are any measurable outcomes of experiments, both numerical and qualitative, both physico-chemical and biological.

The property browser can be access via properties browser from menu "Database > Properties". This browser allows to:

- **view and search** available properties by various criteria
- **access *property profiles***
- **create** new properties, both public and private



































































 **Properties browser**  
Please search property database before creating new ones

Area of your interest:  
no tags selected [\[change\]](#)

[create new property](#) [create new group](#)

Type part of name to filter:  [search](#) Properties from other users: [Only approved properties](#) ☐ Calculate counts

1 - 15 of 510 15 items on page 1 of 34 >>

|   |  |                            |                              |   |   |
|---|--|----------------------------|------------------------------|---|---|
|     |  OTUB1                                   | (Dimensionless / % )       | <a href="#">Show records</a> | OTUB1 inhibition activity as measured by HTS screen ...         | I.tetko  / unmoderated  |
|     |  HIV target class                        | (qualitative)              | <a href="#">Show records</a> | Will be used in order to attempt a development of a model f ... | I.tetko  / unmoderated  |
|   |  IC50 HIV (qualitative)                 | (qualitative)              | <a href="#">Show records</a> | IC50 HIV (qualitative) – automatically created from IC50 ...    | I.tetko  / unmoderated   |
|   |  PDZ                                    | (Dimensionless / % )       | <a href="#">Show records</a> | The inhibition for PDZ domain (in percentage) ...               | I.tetko  / AnnaDiller  / unmoderated  |
|   |  Provider                               | (qualitative)              | <a href="#">Show records</a> | Indicates source of molecules, i.e. from whom they were rec ... | I.tetko  / I.tetko  / unmoderated     |
|   |  SummerSchoolBindingConstant            | (Concentration / nM)       | <a href="#">Show records</a> | These data were used during the 3rd Summer Strasbourg Schoo ... | I.tetko (moderator)  / novserj        |
|   |  Mix_BP                                 | (Temperature / °C)         | <a href="#">Show records</a> | Boiling(bubble) point temperature for a binary mixture. ...     | xenol (moderator)    |
|   |  SSIBindingConstant                     | (Dimensionless / Log unit) | <a href="#">Show records</a> | The data were moved to property with correct units, i.e. nM ... | Koerner (moderator)  / I.tetko        |
|   |  delta_density                          | (Density / g/mL)           | <a href="#">Show records</a> | Provides the difference between the experimental density an ... | xenol (moderator)    |
|   |  Delta_density_to_delete                | (Density / g/mL)           | <a href="#">Show records</a> | Provides the difference between the experimental density an ... | xenol (moderator)    |
|   |  HIV_IC50                               | (Concentration / -log(M))  | <a href="#">Show records</a> | These are IC50 values for HIV inhibitors reported from NIAI ... | Pankaj_OCHEMA (moderator)  / novserj  |
|   |  HIV_EC50                               | (Concentration / -log(M))  | <a href="#">Show records</a> | EC50 values for HIV inhibitors taken from NIAID database ...    | Pankaj_OCHEMA (moderator)    |
|   |  Azeo                                   | (qualitative)              | <a href="#">Show records</a> | Azeo indicates whether a mixture forms an azeotrope (1) or ...  | xenol (moderator)    |
|   |  Degradation temperature                | (Temperature / Celsius)    | <a href="#">Show records</a> | The temperature at which the substance is no longer stable ...  | stefan (moderator)   |
|   |  H_cc, Henry's law constant, volumetric | (Dimensionless / )         | <a href="#">Show records</a> | Henry's Law: At a constant temperature, the amount of a giv ... | wolfram (moderator)  / stefan         |

1 - 15 of 510 15 items on page 1 of 34 >>

## Property profile

Each property has a property profile where users can view or modify the basic property information (name, description, units, etc).

Property profile is accessible from the property browser by clicking the  icon for a particular property.

A screenshot below display the property profile for the "Melting point" property. Here you can find:

- name and description
- unit category

- available data records for the property


For qualitative properties, you can view/modify available classes (e.g., "active" and "inactive", "high", "middle" and "low", etc.)

### Property profile

View or/and modify an OCHEM property

Name:  w

Type:  w

 Public property, unmoderated

(min. 2 characters and max. 40 characters)

There are **69211** records for this property

System of units:  w

Default unit:  w

Following units have been used for this property: °C (41441), K (10), Celsius (28246),

Tags **[+]**

No tags selected

Obligatory Conditions **[+]**

Conditions used: Dataset (5043), Pressure (1155), Quality code (1023),  
Som set numeric condition (114), Resp set numeric condition (114), comment (chemical) (37),  
comment (property) (14), measurement method (7), Temperature (1),

Aliases:

(comma separated list of the other names, i.e. synonyms, for this property)

Description:

Melting Point corresponds to the phase transition temperature of substances from solid to liquid phase.

(min. 50 characters)

SAVE

CANCEL