New Platon

Instructions for use

Preamble:

Platon allows the creation of descriptive sheets for chemical compounds, the creation of analysis requests and the restitution of results.

Access to Platon is possible from the computer network of the Grenoble campus or from outside by using the VPN.

This application, under development, includes the minimum functionalities and is intended to be enriched in the future.

Contents

1. Chemical compounds

1.1 List of compounds

To consult the list of your chemical compounds, go to the menu **My compounds**.

The page has :

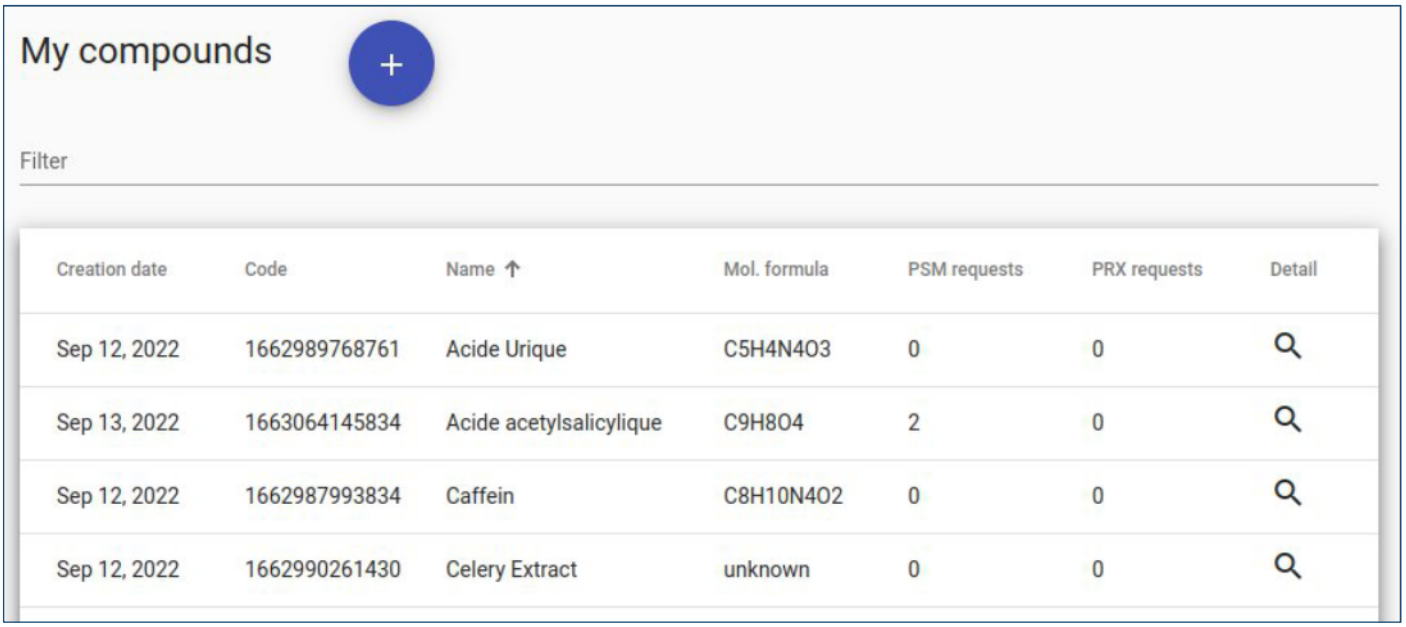
- A button to create a new compound.
- A filter.
- A list of compounds already created.
- You can **filter** on the list based on **Creation date, Code, Name,** or **Mol. Formula**.

Note: if you want to display chemical compounds created on a fixed date, you must respect the following format YYYY/MM/DD (Ex: enter 2022-09-12 for products created on Sep 12, 2022).

You can **sort** the columns by clicking on the header of one of them. Example below on the **Name** column.

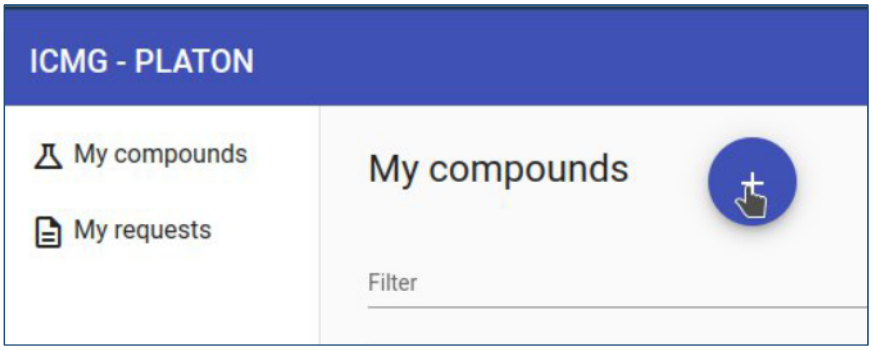
Note 1: sorting is possible on all columns except for **Detail**.

Note 2: when you click on the column header, the sorting will be done in the following order: ascending sort > descending sort > default sort...and so on.

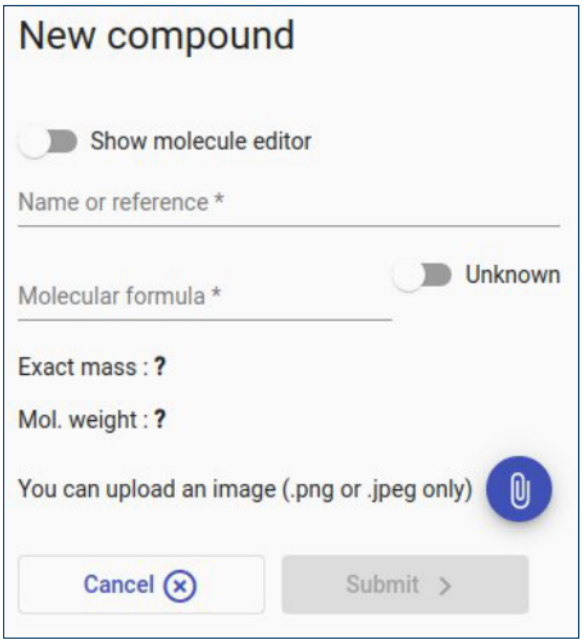


1.2 Create a Compound

To create a compound, click on the button **(+)** :



By default the creation form is displayed as follows :



In any case, you must fill in the field **Name or reference**.

Note: Using a name that makes sense to find it later using the search filter can be a good choice. You can also enter the reference of the lab notebook.

You have the option to use the molecule editor.

If you're not using the Molecule Editor:

A - If you know the raw formula of the compound, you can enter it so that the exact mass and the molar weight are calculated. Otherwise you must toggle the switch to **Unknown**

B – You can upload an image of the molecule in .png or .jpeg format

If you are using the molecule editor you must toggle the switch to **Show molecule editor**.

- Either you draw a molecule.
- Or you use the tool for importing a .mol file or a SMILES accessible by clicking on the button representing 2 inverted blue triangles :

1.3 Deleting a compound

Deleting a compound is not possible if an analysis request has been associated with it.

2. Analysis requests

2.1 Creation of a request

Once your compound has been created, click on the corresponding magnifying glass.

Creation date	Code	Name ↑	Mol. formula	PSM requests	PRX requests	Detail
Sep 12, 2022	1662989768761	Acide Urique	C5H4N4O3	0	0	
Sep 13, 2022	1663064145834	Acide acetylsalicylique	C9H8O4	2	0	

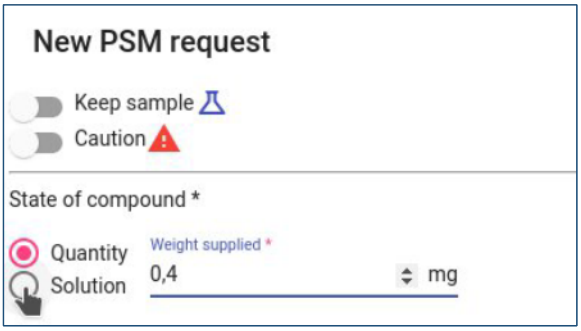
You access a page with 2 tabs:

A – Tab containing the detailed information of the compound.
B – Tab concerning the requests associated with this compound.

This last tab allows you to:

- Create a new request to the PSM or PRX platforms.
- View the requests already created for this compound.

Note 1: Regarding PSM requests, you must fill in a quantity (in mg) or a concentration (mol/L or other).



Note 2: Once the request has been created you must print the PDF and attach the sample, then take them to the technical platform concerned.

2.2 List of requests

To consult the list of your requests, click in the menu **My requests**.

The page features:

- A filter
- A table of requests already created

The search **filter** is used in the same way as for compounds.

You can filter the list based on **Creation date**, **Code**, **Name** (of compound), or **Platform** (PSM or PRX).

Note: sorting is possible on all columns except for **PDF request** and **Detail**.

2.3 Consultation of analysis results PSM

Note: Analysis results for the PRX platform are not available on Platon, please contact the operators of the platform directly.

To view the PSM results of a request, click on the **magnifying glass** of the request in question.

The page that opens has a **Results** tab.
This tab displays the list of results available for this request.

The **magnifying glass** in the **Detail** column allows you to view the details of the results as well as any files that will have been made available by the operators of the PSM platform.

Note: PSM analysis results are also emailed to you.

3. Contacts

For any functional remark (request for new functionality, request for ergonomic improvement):
You can contact the functional manager amelie.durand@univ-grenoble-alpes.fr

For any technical feedback (bug encounter, technical difficulties, etc.):
You can contact the developer yann.vernette@univ-grenoble-alpes.fr