Export Data and Structures

What is the quickest way to export a list of drugs, references, or patents? Can I download a SAR table? How do I generate a chemistry report?

With the export features in Clarivate Analytics Integrity, you can work offline and use Integrity data in meetings and when on the move, share information and include it in presentations, work with information in a preferred format, and easily integrate data with internal data. Example Scenario: you are a biochemist developing a compound to treat arthritis. The compound is a small molecule and you would like to explore the competitor landscape and send reports to colleagues with detailed information about the chemistry of similar early-stage compounds in development for the same condition.

Exporting your chemistry report and SAR table:

Creating a chemistry report

Set up a search in the Drugs & Biologics Knowledge Area of Integrity.

From the drop-down menu of the search field, select Condition (development status), Phase (development status), and Molecular Weight.

Use Index to select “Arthritis” and “Preclinical” for Condition and Phase respectively, and type in “from 0 to 500” for Molecular Weight.

This search will return a records list; the drug records can be viewed by opening the Options drop-down menu and selecting Product List.

You can review the structures of these compounds by opening the Options menu again and selecting Product List with Structures.

Tip:
- Did you know that you can export information from more than one Knowledge Area in Integrity at the same time?
- Selected reports that combine information from different Knowledge Areas are available in MS Word Format via Integrity Reports.
- There are currently 12 different types of Reports available in Integrity depending on the Knowledge Area.

To create Integrity Report, open the Options menu from the results in Drugs & Biologics and select Integrity Reports.
Exporting a SAR table

From your list of Drug Records in Integrity you can now refer again to the Options menu and select All Related Information via Quick Search.

Click the results in the Experimental Pharmacology Knowledge Area. The pharmacology results can be refined further by applying filtering criteria (Filter by Statistics).

To compare the data based on the same parameter, e.g., IC50, click on the Parameter tab and select the option for IC50.

Next choose the benchmarking criteria, e.g., Pharmacological Activity and select the appropriate option (in this example; TNF-α production inhibition).

The final list of records retrieved can now be viewed as a structure activity report (SAR) table. Click the Options pull-down menu and select Structure Activity.

The Structure-Activity table can now be exported. By selecting Export Center in the Options menu, you can select the Export Type; in this example MS Excel has been selected.
To export the structure activity table, click **Export**.

**Tip:**
- Did you know that Structure-Activity tables can be exported from the **Experimental Pharmacology** Knowledge Area in a **MS Word**, **MS Excel**, or **ISIS for Excel** format?
- Using the **Export Center** when a Structure-Activity table is created, it is possible to select the Export Type. The information to be included in the table can also be selected here and this is dependent on the Export Type selected.
- By choosing the **Format as Table Data** box, it is possible to merge the **Experimental Activity**, **Pharmacological Activity**, and **Parameter** fields in the Structure-Activity table, eliminating data duplication and improving overall presentation.
- By selecting **ISIS for Excel** for use with an existing ISIS installation it is possible to export chemical structures. When using **MS Excel**, chemical structure images are exported. In addition, chemical structures can be exported as **SMILES** as part of the export when using any of the three Export Types.

If you have any questions please contact us at: DTStraining@clarivate.com