

Report generation and usage

In addition to being able to export data into various file formats, Oasis Database Manager offers a powerful subsystem for generation of reports to be viewed on the screen, printed pages, or in turn converted into HTML or other popular formats. The report subsystem is based on the concept of report template – a layout of the page as it would be printed or appear on the screen viewer. This layout comprises the desired data for a single structure. For example, you may wish to produce a report displaying just the CAS, Names, 2D picture and the LogKOW value for each structure. With the Oasis Database Manager Report Designer, you can easily design the corresponding template, save it into a template file and then use it later with any possible collection of structures – e. g. the whole database or some part of it yielded by a search query.

The report subsystem includes a Report Generator, which performs the report generation on the specified subset or the whole database using a given report template, and a Report Designer which makes possible the creation and editing of report templates.



Report Generator

Click 'Report' from the main toolbar of the Oasis Database Manager or select the corresponding item from the main menu of the program. The Report Designer window will appear; select 'Template', then 'Load' from the menu. When the template loads, Click 'Generate report' to produce the report for the currently selected browser window.

Report Designer

Click 'Report' from the main toolbar of the Oasis Database Manager or select the corresponding item from the main menu of the program. The Report Designer window will appear.

A report template is a collection of items, each of which can be of the following types:

- fixed text
- CAS number
- Calculation structure 2D image
- Representative structure 2D image
- Names
- Calculation SMILES string

- Representative SMILES string
- Parameter box
- Table
- Horizontal line

Drag and drop the corresponding components from the toolbar to the design canvas. Click the right mouse button on a component to edit or inspect its current details. For instance, select a parameter box to represent a parameter value and then click the right mouse button on it to specify a particular parameter.

Tables are usually included to represent models or other collections of parameter boxes. Table cells usually contain parameter values of the structure. Tables may have a fixed row and column to represent table headers. The height, width, numbers of rows and columns can be altered at any time.