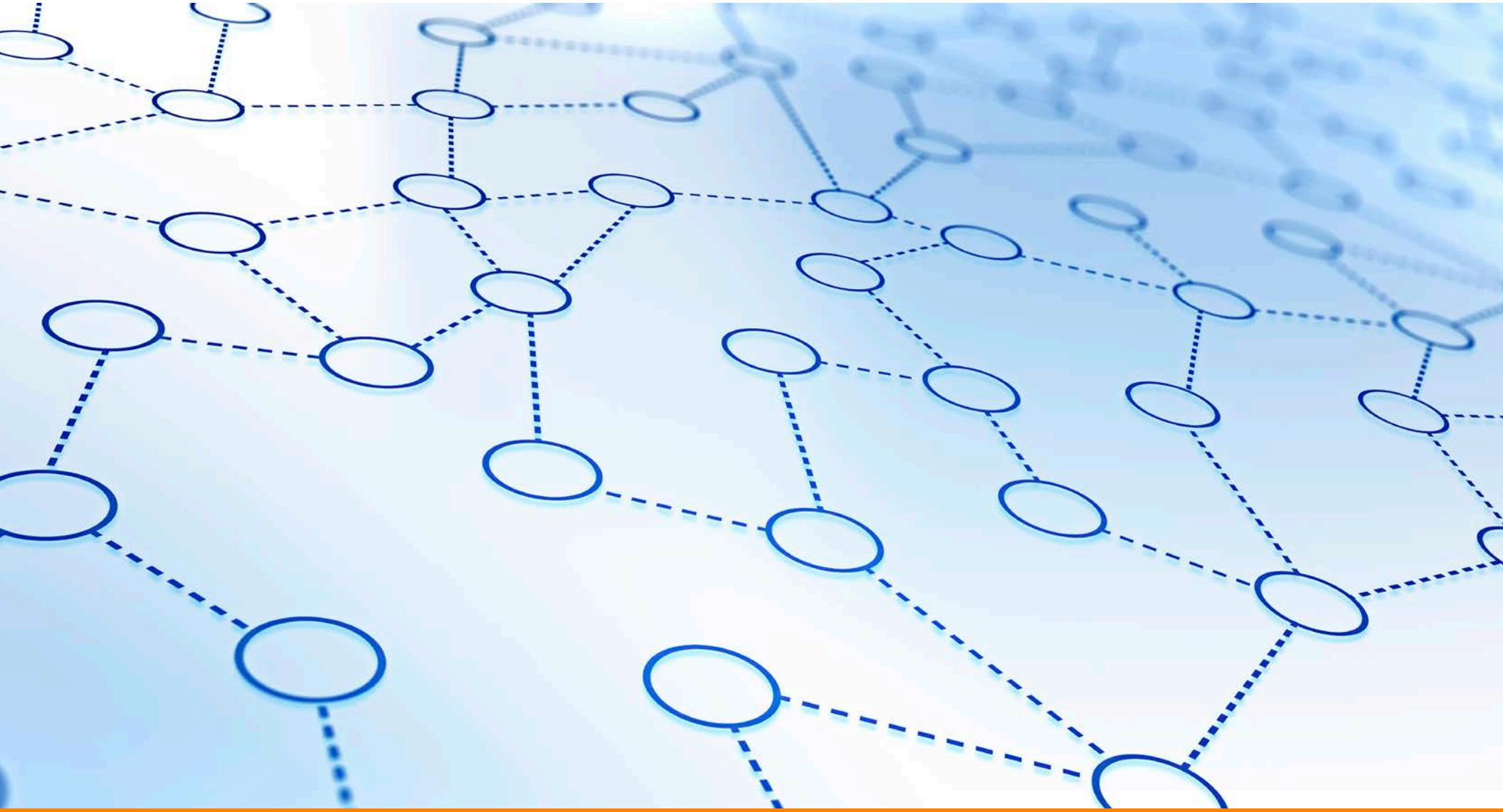
ELSEVIER

Reaxys®

QUICK START GUIDE



WELCOME TO YOUR QUICK START GUIDE FOR REAXYS.

Reaxys is a Java-free web solution that runs on modern browsers. The various available browsers present a complex landscape. The Reaxys team has tested the system on the following bowser versions.

- Firefox (version 49 or higher)
- Chrome (version 53 or higher)
- Edge (version 14 or higher)
- Safari (version 9 or higher)
- Internet Explorer (version 11)

We recommend using one of these browsers to achieve best performance. While Reaxys may work on other browsers, some features and functionalities may not work properly.

Please contact us if you have question regarding browser support.

NOTE to Reaxys users in China: We noticed a significant performance increase if Google Chrome is used. If you encounter any performance issues, then try switching to Google Chrome.

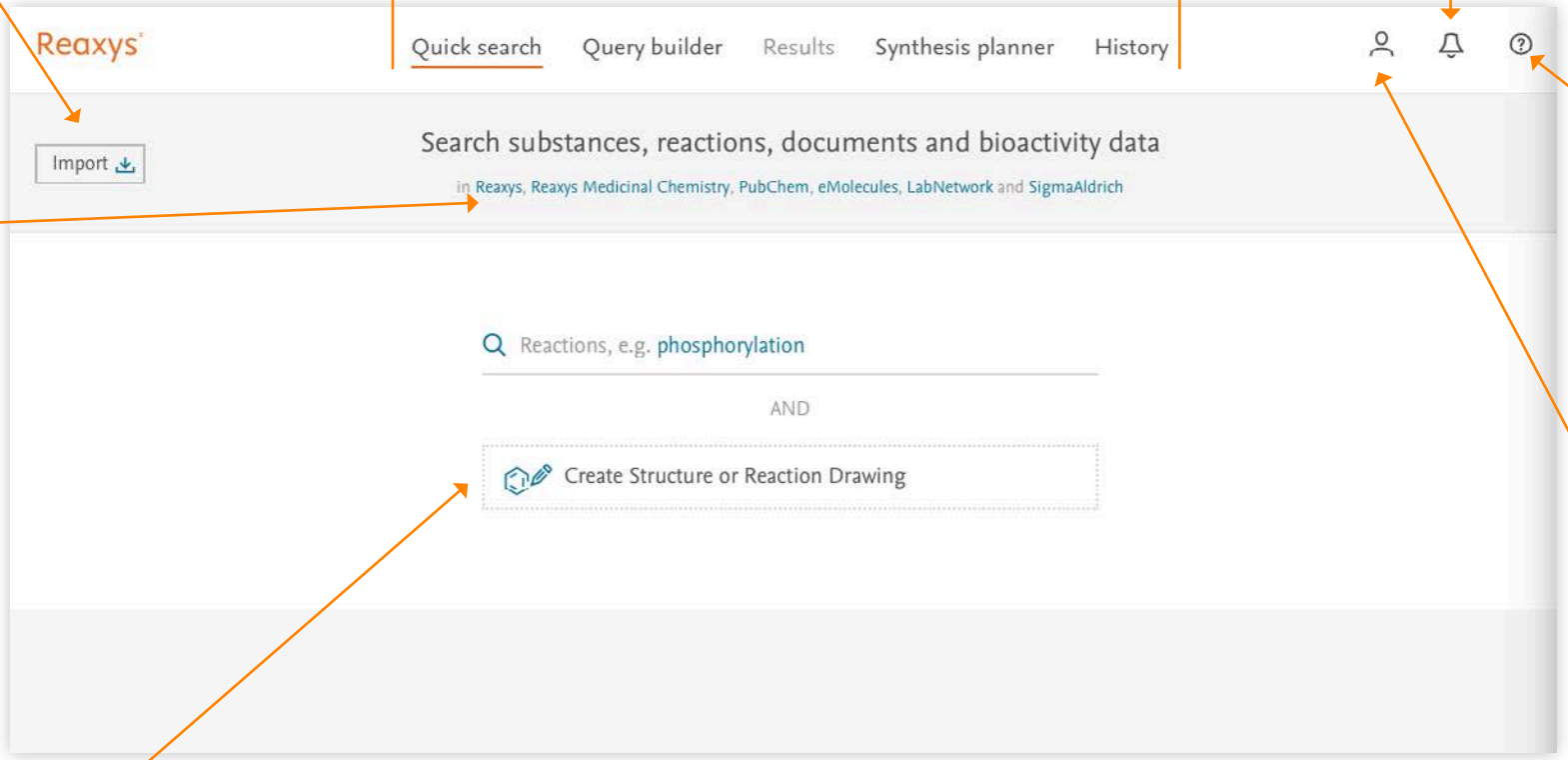
NOTE to all users: We recommend not using addins and plugins or at least reducing their number to the absolutely necessary minimum. All such components influence the performance and memory usage of a browser.

QUICK SEARCH

Drag your structure file or click here to browse and import it.

Navigate easily between Quick search, Query builder, Results, Synthesis planner and History.

Click the bell icon to access alerts created from the results of your queries.



Click the question mark to access Reaxys Help, with guides, training material and the FAQ.

The Quick Search text option accepts natural language keywords.

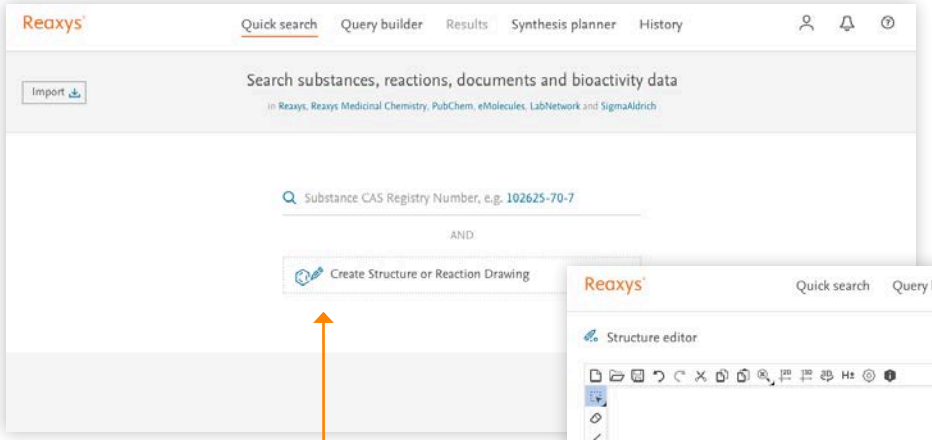
Truncations and wildcards are accepted.

Create a user profile to enable customized results displays (hits per page) as well as alerts and saved searches.

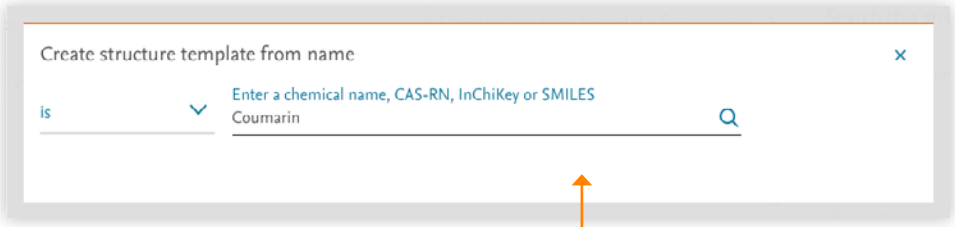
Structure Search enables the creation of structure and reaction drawings.

Use these as the main query or combine them with keywords for added search power.

QUICK SEARCH USING STRUCTURE OR REACTION DRAWINGS

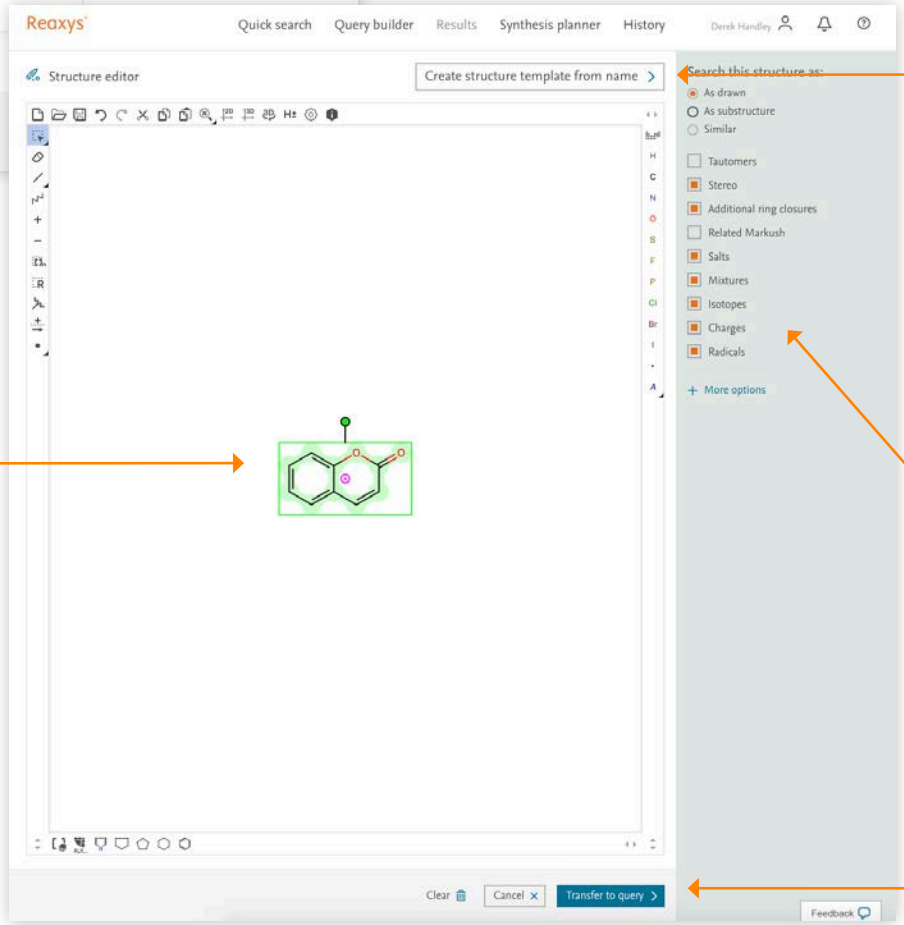


1. Click the Create Structure or Reaction Drawing box.



2b. Use Create structure template from name to generate a drawing from the name of the substance.

2a. Use ChemAxon's Marvin JS to create a structure or reaction drawing.



3. Define whether the query should be As drawn, As substructure or as a Similar structure. Add limits (e.g., tautomers, additional ring closures), if required.

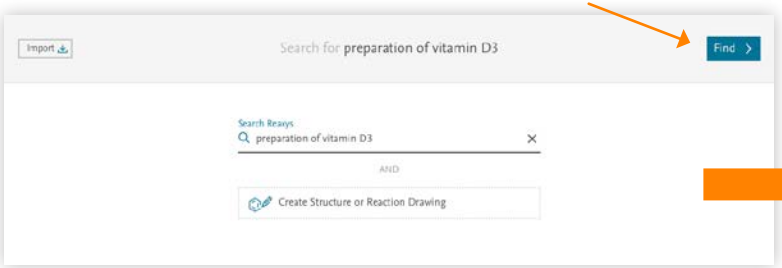
4. Click Transfer to query to add the drawing to your query.

QUICK TIPS:

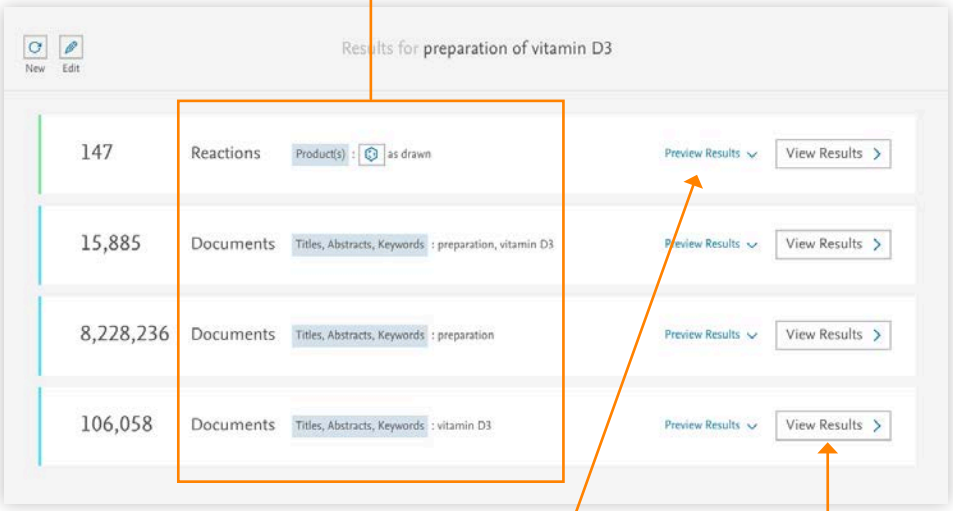
- Atom Mapping: draw a reaction arrow between the mapped atoms
- Substitution Counts: Click in the white space and type the period key (.), then select .s+ from the Atom Query Properties menu , and click to change count
- Click here for more tips

QUICK SEARCH RESULTS PREVIEW

When the query is ready, click Find.

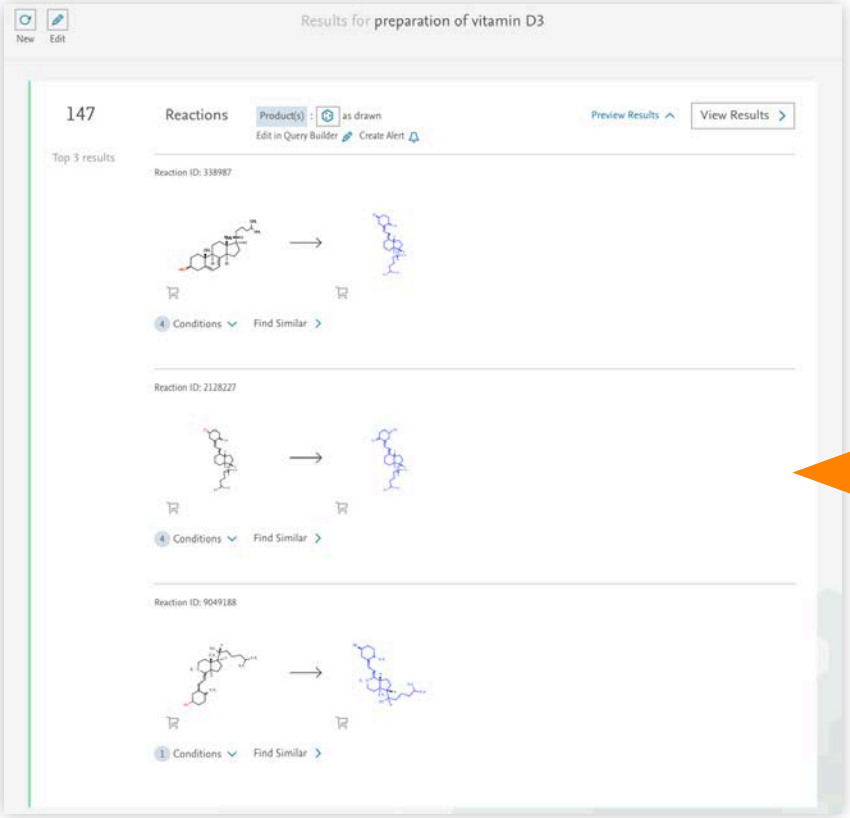


Reaxys analyzes the Quick search query input and provides options based on query interpretation (Substances, Reactions and/or Documents).



Click Preview Results to view the top three results for that result set.

Click View Results to view all results for that result set.



QUERY BUILDER FIELDS, FORMS AND HISTORY PANEL

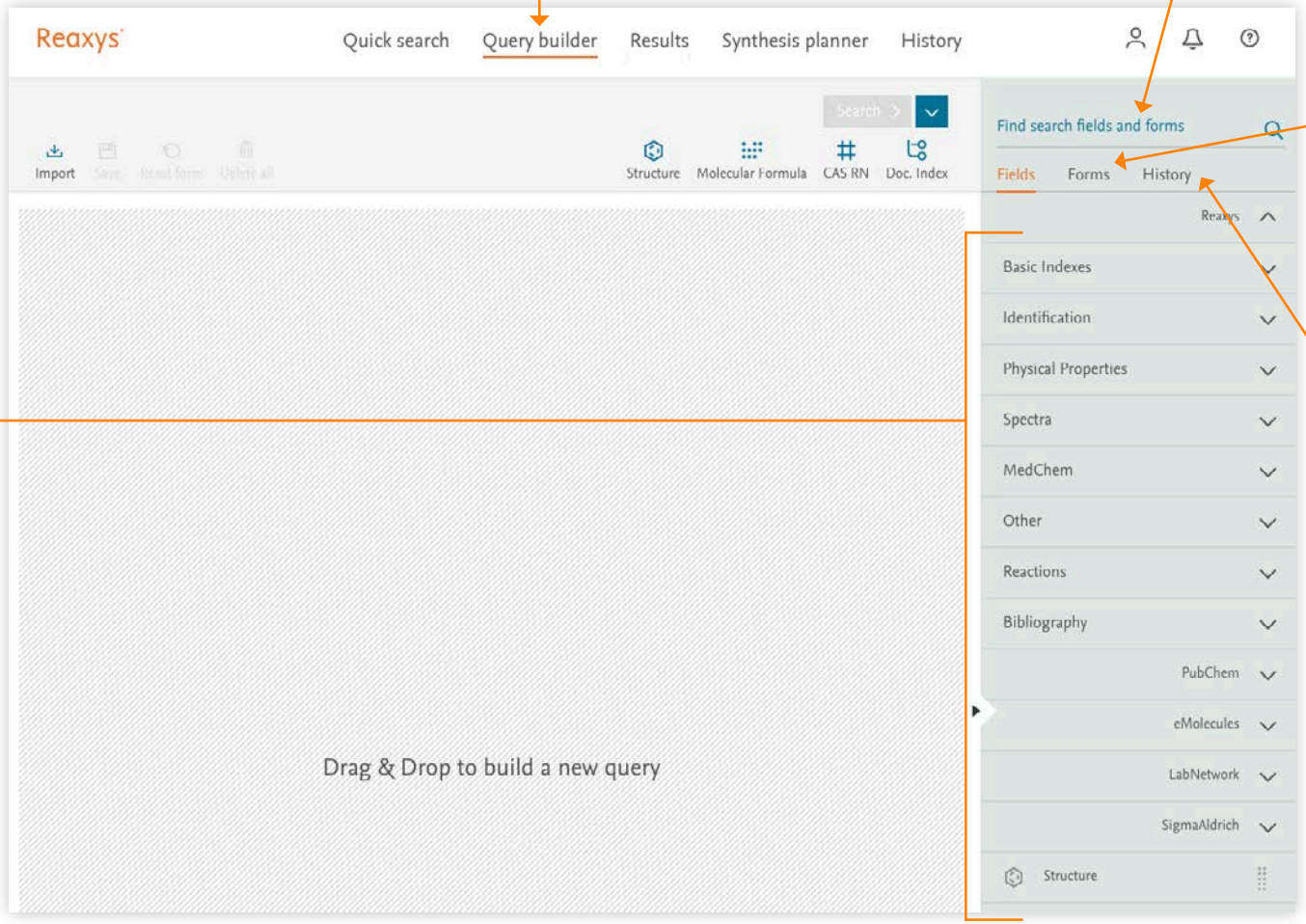
Click here to open Query builder.

To find search Fields or Forms, enter keywords here. For example, "boil" would help to find the *boiling point* fields.

Click Forms to access predefined or customized search forms covering certain subjects.

The initial view shows the search field categories.

Click History to display Recent and Saved searches that can be used in Query builder in combination with each other or with other search fields.



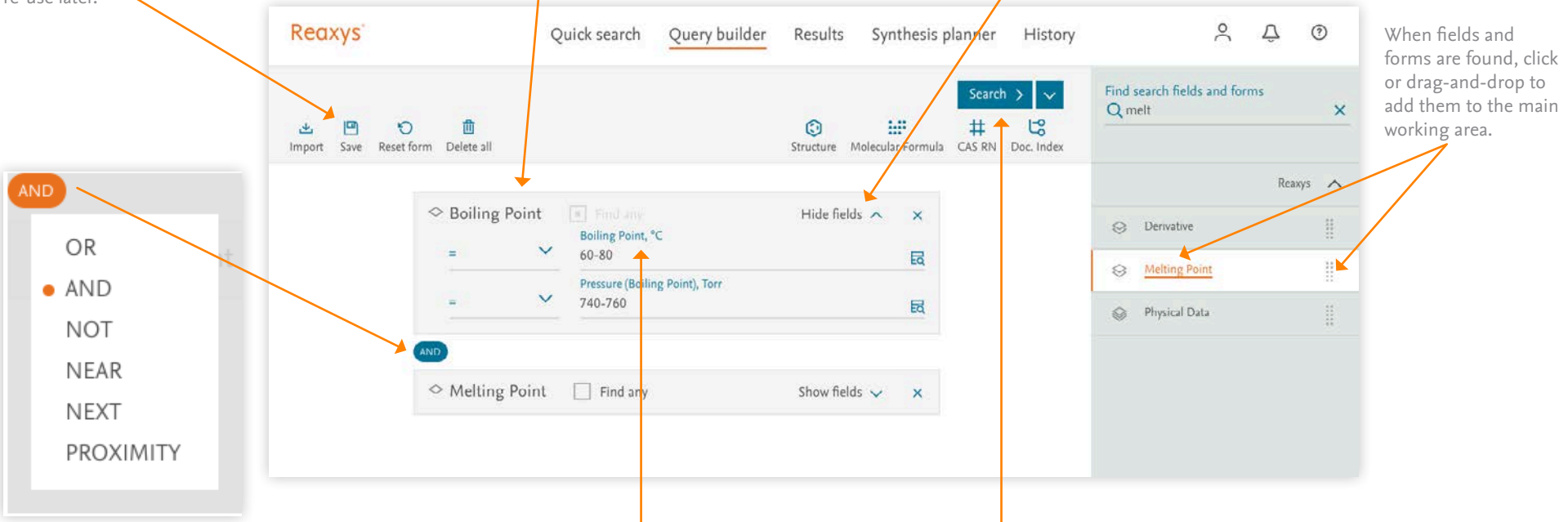
QUERY BUILDER

Save enables the user to save the query for re-use later.

Chosen fields and forms appear in the main working area for Query builder.

Click Show or Hide fields to show all the parameters that can be chosen in that query field or form.

When fields and forms are found, click or drag-and-drop to add them to the main working area.



Define the search criteria

Click Search when the query is ready.

CLICK TO ADD BOOLEAN OPERATORS:

- **OR**: contains data from at least one of the fields
- **AND**: contains data from both fields
- **NOT**: contains the first field's data and excludes the second's
- **PROXIMITY**: ensures the content of both fields relate to each other (typically used with parameter fields, e.g., melting point and solvent)

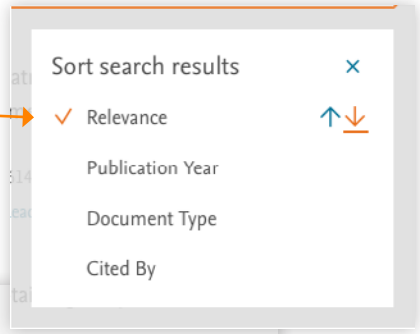
Note: If a field or form consists of multiple parameters, they are automatically combined using the PROXIMITY operator.

DOCUMENT RESULTS PAGE

Use Filters and Analysis options to narrow your results.

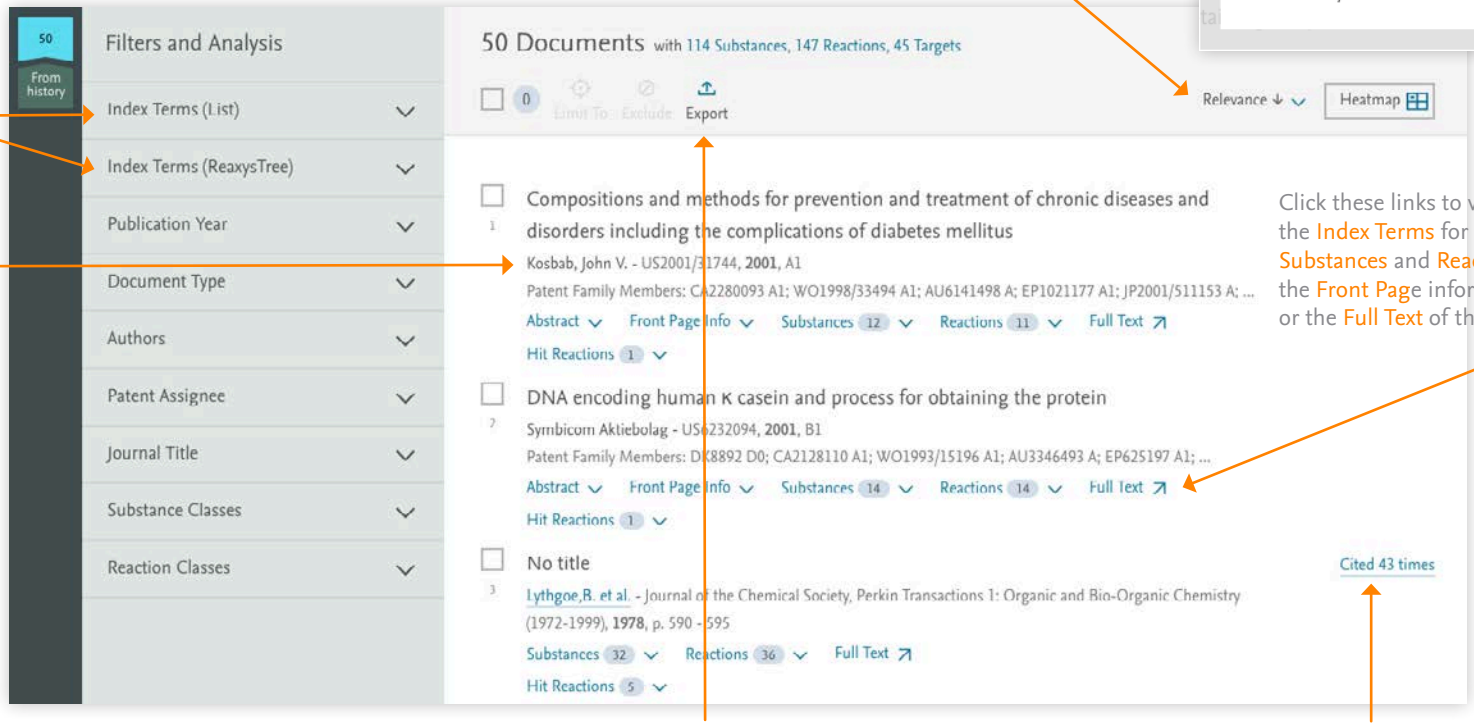
Default sorting is by descending relevance, but other options are available:

- Publication Year.
- Document Type.
- Cited By.



Use Index Terms (List) and/or IndexTerms (ReaxysTree) to filter documents by topic.

Click an author's name to explore details about their publications and get additional analysis options in Scopus®.



Click these links to view the Abstract, the Index Terms for this record, the Substances and Reactions in the record, the Front Page information (for patents) or the Full Text of the document.

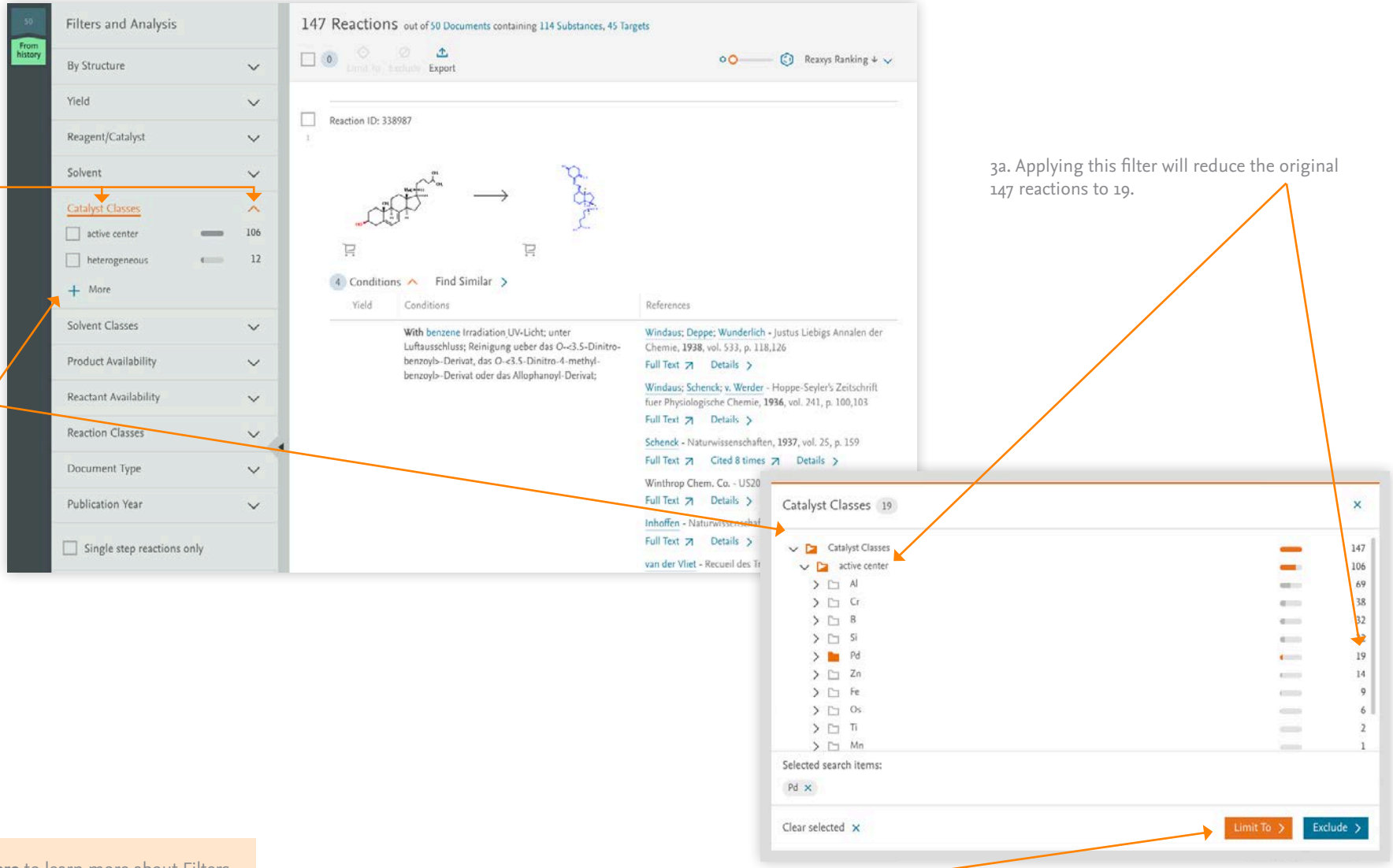
Click this citation number to view citation information in Scopus.

To export results:

- Click Export in the toolbar (if the export button is not visible, click Options)
- Define Format, Range, Export data and Additional options
- Click Export – the progress will be displayed in the lower right of the screen
- When the export is complete, click Download

Note: Use the checkboxes beside the results to select individual results and only export those.

USING FILTERS



1. Click text or ⌄ to expand the filter.

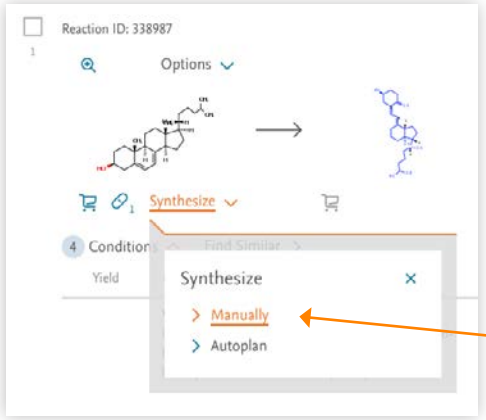
2. Click More to display additional filter options.

3a. Applying this filter will reduce the original 147 reactions to 19.

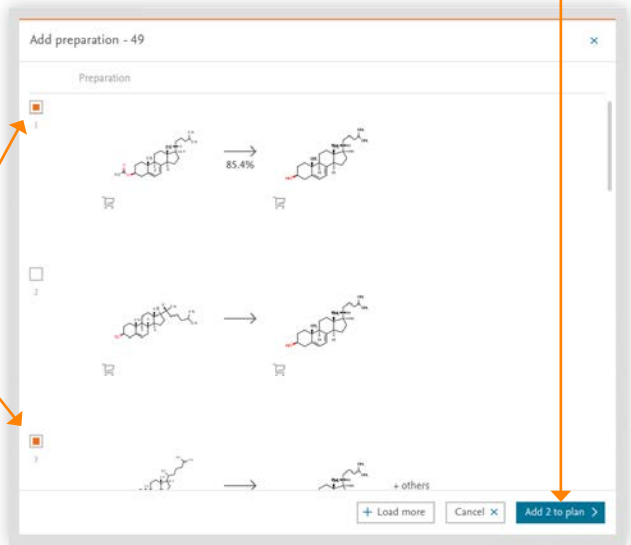
3b. Click Limit To to see just these 19 results or Exclude to see all results except these 19.

Click **here** to learn more about Filters

SYNTHESIS PLANNER: MANUAL PLANNING

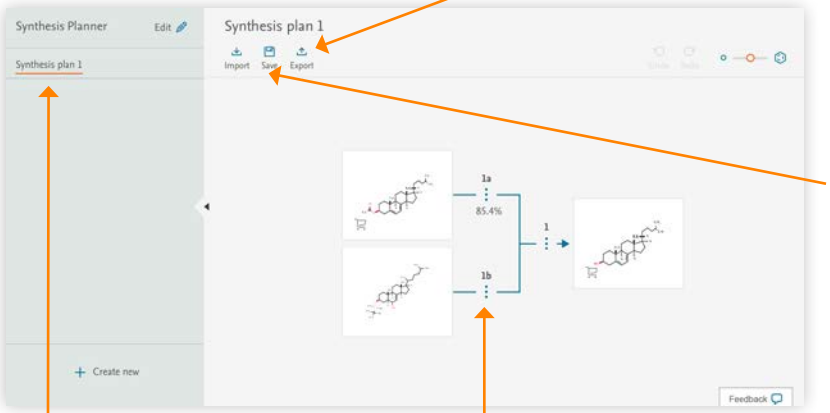


1. Click Synthesize under a substance and then click Manually.



2. In the Add preparation window, select reactions to add to your plan.

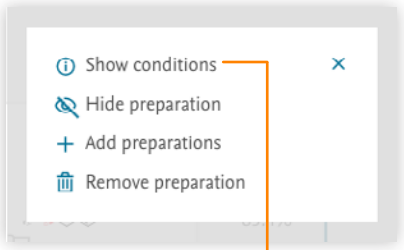
3. Click Add # to plan.



4. From the Synthesis planner, click the Synthesis plan to view.

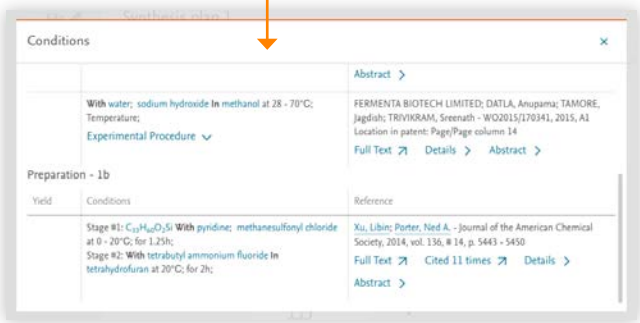
6. Click Export to export reactions or documents.

7. To save the query (as a .json file), click Save.

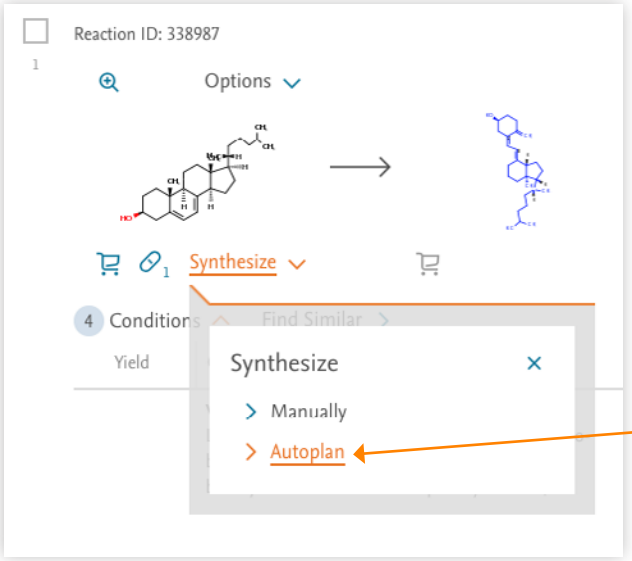


5. Click the Synthesis step options (⋮) to access:

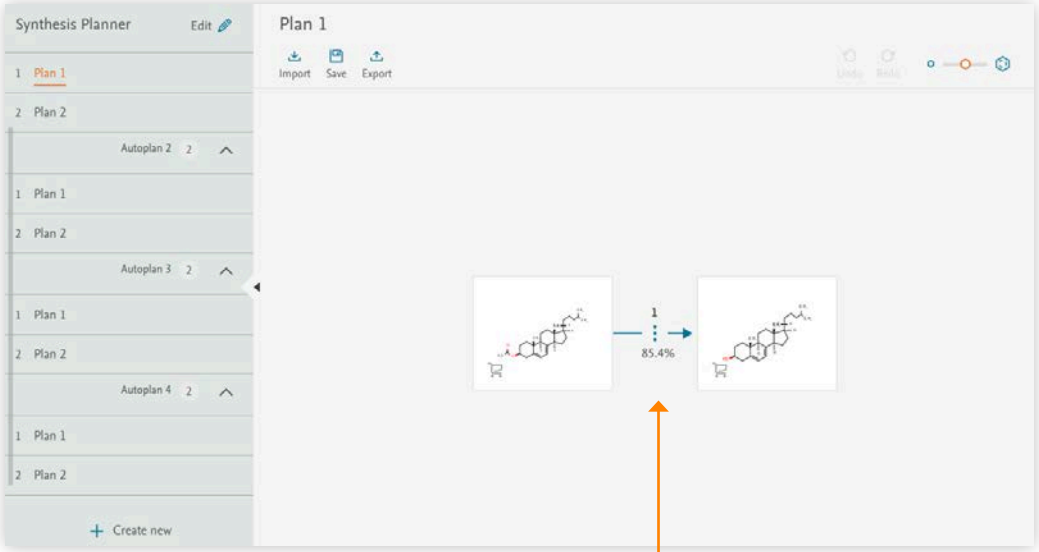
- Show conditions
- Hide preparations
- Add preparations
- Remove preparations



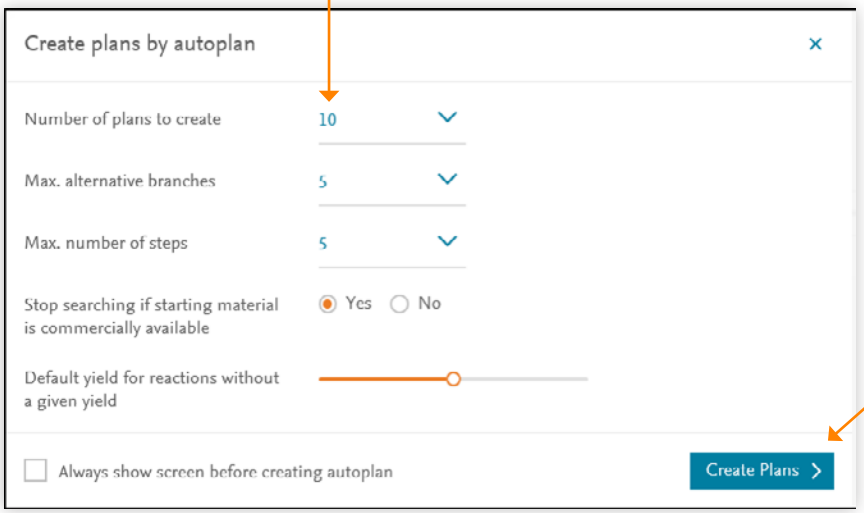
SYNTHESIS PLANNER: AUTOPLAN



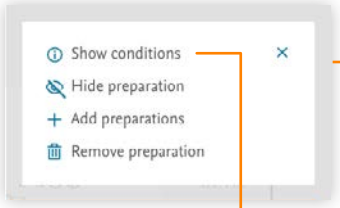
1. Click Synthesize under a substance and then click Autoplan.



2. Define parameters for automatically generating synthetic pathways.

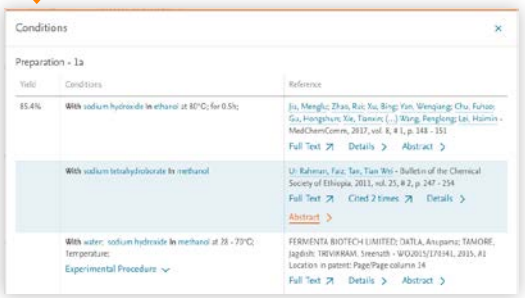


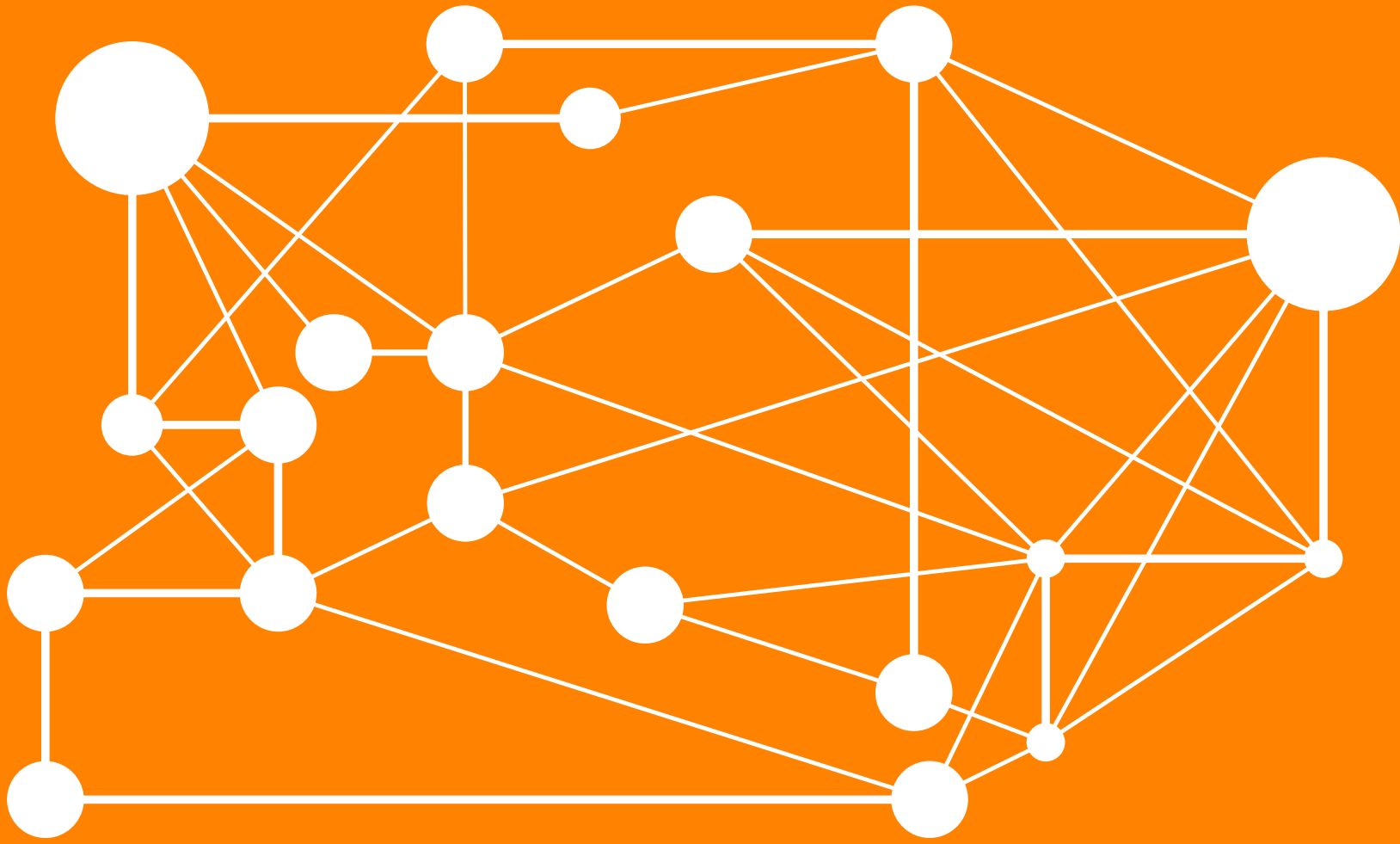
3. Click Create Plans



4. Click the Synthesis step options (⋮) to access:

- Show conditions
- Hide preparations
- Add preparations
- Remove preparations





REAXYS

Visit **https://www.reaxys.com** to log in.

Visit the **Reaxys Support Center** for more helpful information about using Reaxys

September 2017