

1. Search

SUBSTANCES		
FEATURE	COMMENT	
Quick search as text	Enter a substance name, molecular formula or CAS number	
(See page 3)	in the Search Reaxys field and click Search .	
	Examples:	
	Atenolol	
	• Pt(PPh3)3	
	• 102625-70-7	
Quick search with	1. Click the Create Structure or Reaction Drawing box.	
Structure or Reaction	2. Create the substance structure drawing.	
Drawing	For more information on using the Marvin JS structure	
(See page 4)	editor see:	
	a. The <u>Structure drawing workflow</u> .	
	b. View our <u>Tips for using ChemAxon Marvin JS</u> .	
	c. Visit the <u>ChemAxon Marvin JS</u> website which	
	includes a MarvinJS User's Guide.	
	3. Click Transfer to query, click Search.	
Query builder	1. Click Query builder (See page 6).	
(See page 5 & 6)	2. Select one of the Quick Querylets (Structure, Molecular	
	Formula, CAS RN or Doc Index) under the search button.	
	OR	
	2. Drag & Drop from one of these options	
	 a. Fields: search for properties using the Search properties field. 	
	b. Forms: use a Predefined Form such as Physical	
	Data, Reactions, etc.	
	c. History : use a Recent or Saved search.	
	3. If you have multiple search fields, use the appropriate	
	Boolean operator (see page 7).	
	4. Click Search at the top of the screen and select the	
	desired target content: e.g. Substances .	
	Note: Click Show fields to enter specific search values.	

REACTIONS		
FEATURE	COMMENT	
Quick search as text (See page 3)	Enter a term(s) in the Search Reaxys field and click Search. Examples: • preparation of porphyrine • phosphorylation • Suzuki coupling • Adler phenol oxidation	
Quick search with Structure or Reaction Drawing (See page 4)	1. Click the Create Structure or Reaction Drawing box. 2. Create the reaction structure drawing. For more information on using the Marvin JS structure editor see: a. The Structure drawing workflow. b. Create a Reaction Query in the Search for Reactions Workflow. c. View our Tips for using ChemAxon Marvin JS d. Visit the ChemAxon Marvin JS website which includes a MarvinJS User's Guide 3. Click Transfer to query, click Search.	
Query builder	1. Click Query builder (See page 6).	
(See page 5 & 6)	Select one of the Quick Querylets (Structure, Molecular Formula, CAS RN or Doc Index) under the search button. OR	
	2. Drag & Drop from one of these options	
	 a. Fields: search for properties using the Search properties field. 	
	b. Forms: use a Predefined Form such as Physical	
	Data, Reactions, etc.	
	c. History: use a Recent or Saved search.3. If you have multiple search fields, use the appropriate	
	Boolean operator (see page 7).	
	4. Click Search at the top of the screen and select the	
	desired target content: e.g. Reactions .	
	Note: Click Show fields to enter specific search values.	





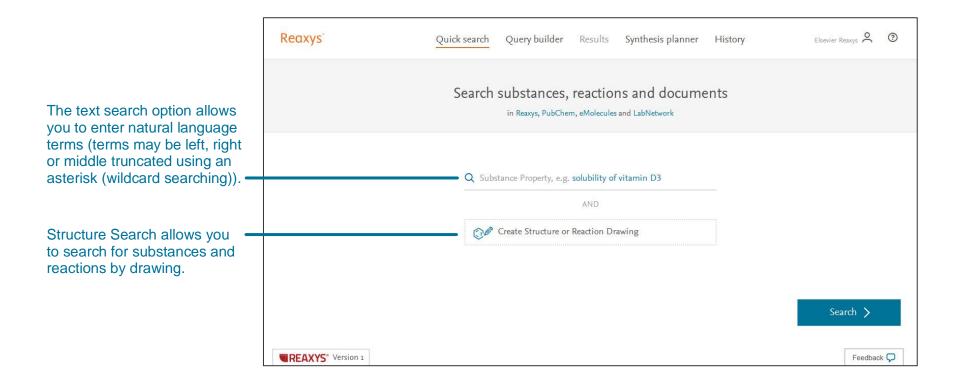
Search (continued)

LITERATURE		
FEATURE	COMMENT	
Quick search	Enter a term(s) in the Search Reaxys field and click Search .	
(See page 3)	Examples:	
	publications about quasicrystals	
	• Tetrahedron, 2014, 70, 2343	
	published by Schrock	
Quick search with	Note: Any structure or reaction query (see page 1) will	
Structure or Reaction	primarily find substances or reactions. Any data	
Drawing	point in those results has a reference, which	
(See page 4)	provides additional links to documents.	
	In addition you may click the documents link at the	
	top of the page to view documents for the result set.	
Query builder	1. Click Query builder (See page 6).	
(See page 5 & 6)	2. Select one of the Quick Querylets (Structure, Molecular	
	Formula, CAS RN or Doc Index) under the search button.	
	OR	
	2. Drag & Drop from one of these options	
	 a. Fields: search for properties using the Search properties field. 	
	b. Forms: use a Predefined Form such as Physical	
	Data, Reactions, etc.	
	c. History : use a Recent or Saved search.	
	3. If you have multiple search fields, use the appropriate	
	Boolean operator (see page 7).	
	4. Click Search at the top of the screen and select the	
	desired target content: e.g. Documents .	
	Note : Click Show fields to enter specific search values.	

PROPERTIES		
FEATURE	COMMENT	
Quick search (See page 3)	Enter terms in the Search Reaxys field and click Search. Examples: • boiling point of benzene • density of quinolone	
Quick search with Structure or Reaction Drawing (See page 4)	 Click the Create Structure or Reaction Drawing box. Create the substance structure drawing. For more information on using the Marvin JS structure editor see: a. The Structure drawing workflow. b. Create a Structure Query in the Search for Substances Workflow. c. View our Tips for using ChemAxon Marvin JS d. Visit the ChemAxon Marvin JS website which includes a MarvinJS User's Guide Click Transfer to query. Enter property (e.g. boiling point) in the Search Reaxys field. Click Search. 	
Query builder	Click Query builder (See page 6).	
(See page 5 & 6)	Select one of the Quick Querylets (Structure, Molecular Formula, CAS RN or Doc Index) under the search button. OR	
	2. Drag & Drop from one of these options	
	 a. Fields: search for properties using the Search properties field. b. Forms: use a Predefined Form such as Physical Data, Reactions, etc. c. History: use a Recent or Saved search. 3. Repeat for other properties as necessary. 4. If you have multiple search fields, use the appropriate Boolean operator (see page 7). 5. Click Search at the top of the screen and select the desired target content: e.g. Substances. Note: Click Show fields to enter specific search values. 	

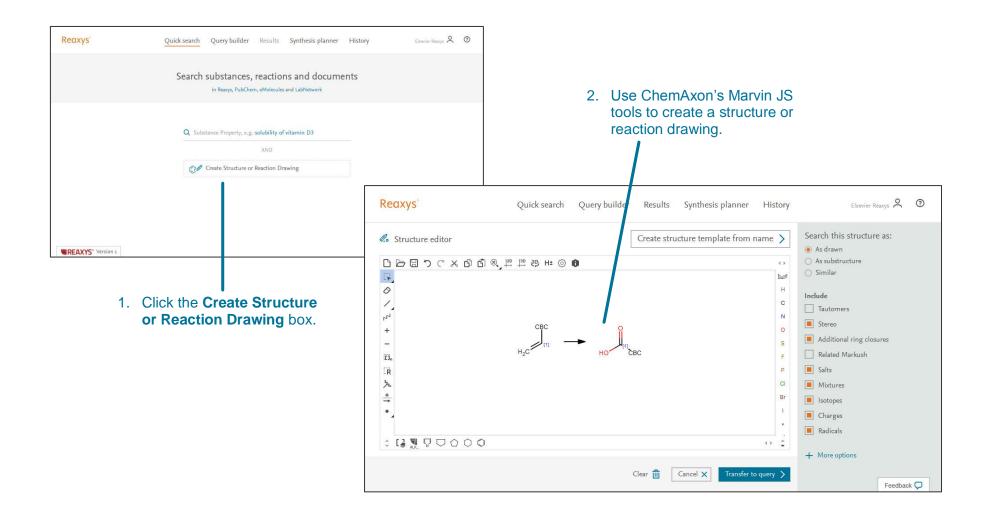


Quick search



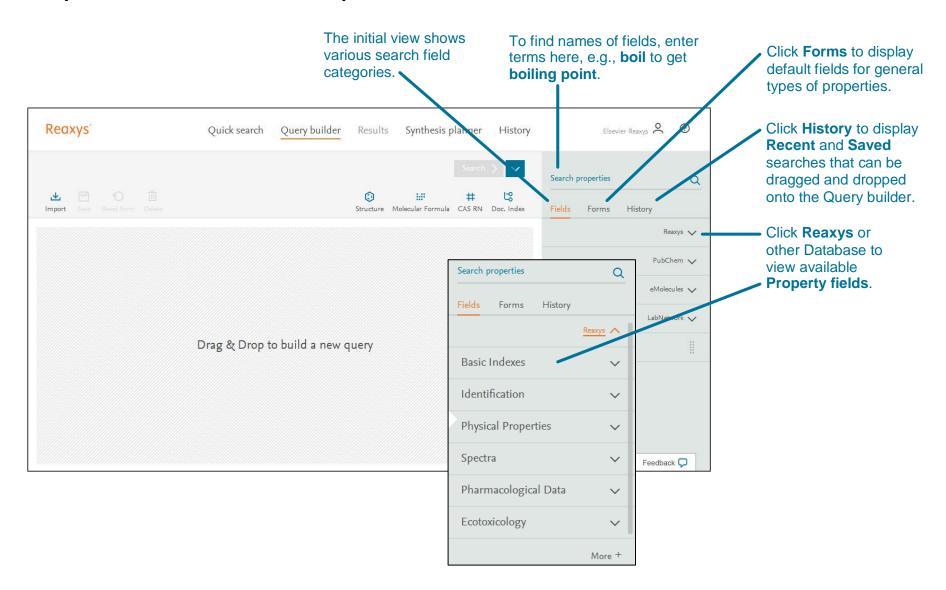


Quick search with Structure or Reaction Drawing



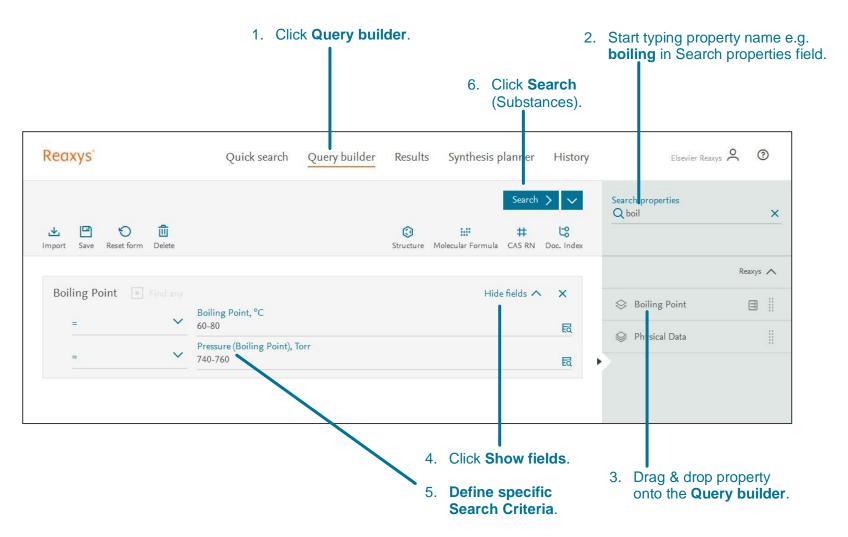


Query builder Fields, Forms & History Panel



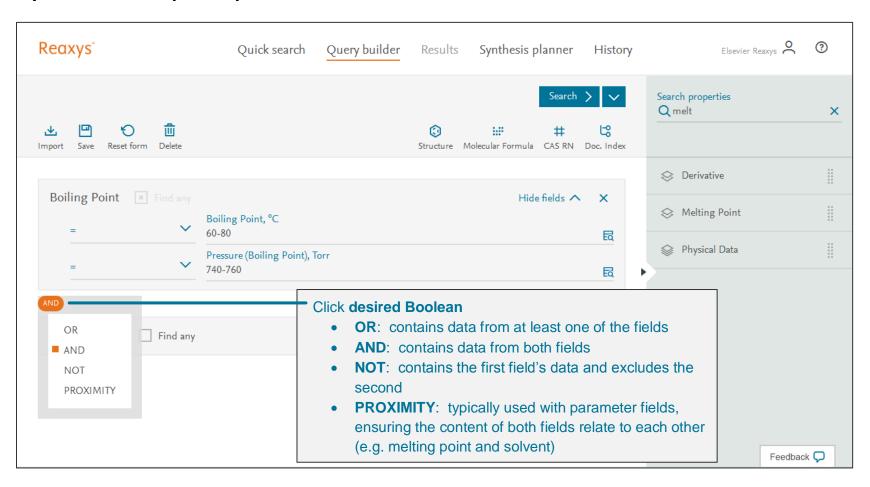


Query builder Steps





Query builder: Multiple Properties and Booleans



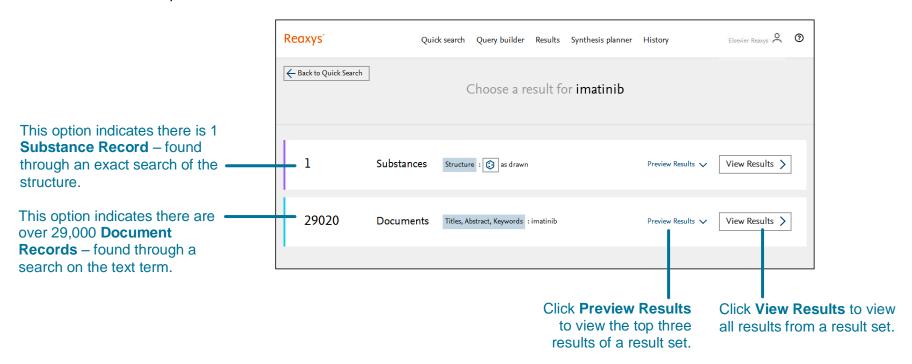


2. Results

Quick search Results Preview

Reaxys analyzes the **Quick search** query input and returns result sets in a Results Preview (note: only **Quick search** queries will present a results preview, because of the nature of query interpretation).

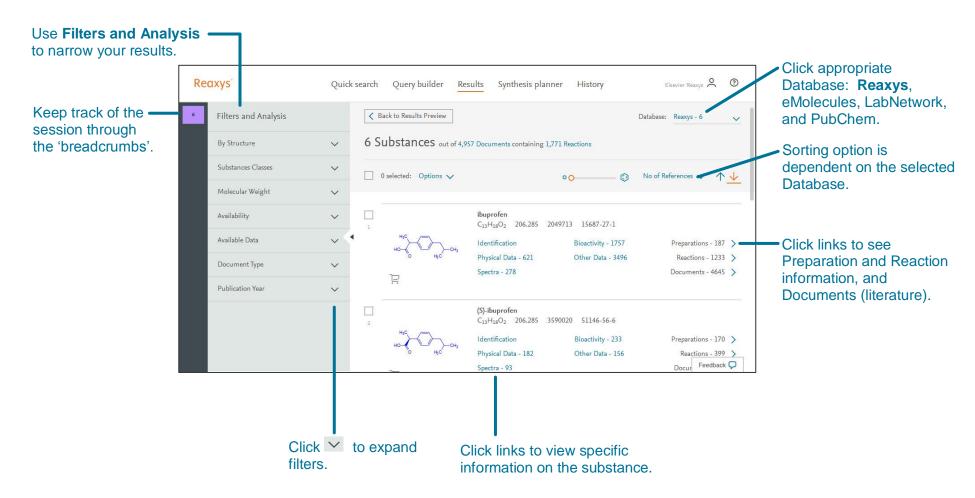
The result sets depend on the term(s) entered. In this case, Reaxys identified the name of a substance and searched for the substance by structure in Substance Records and by name in Document Records.



In other cases, **Search Reaxys** may give options that display **Reaction Records** or **Document Records** with different combinations of search terms entered.

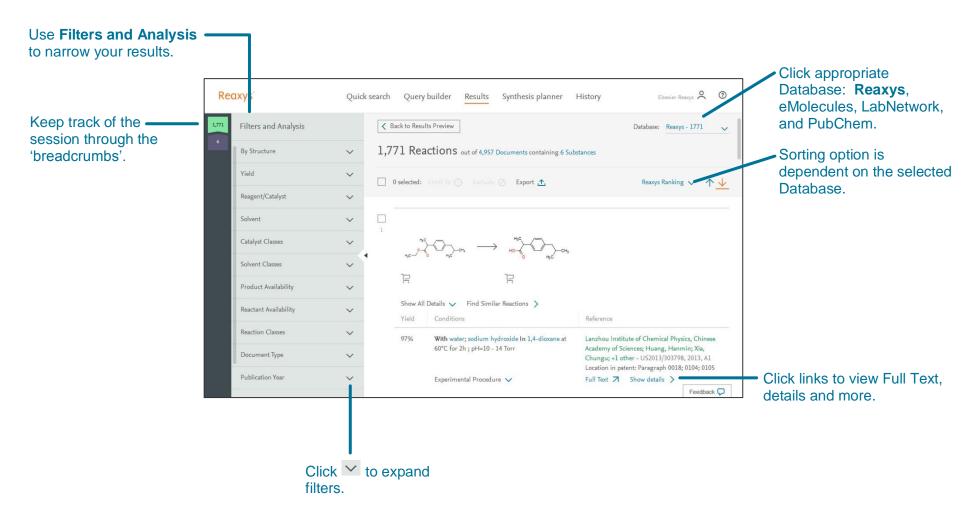


Quick search or Query builder Results – Substances



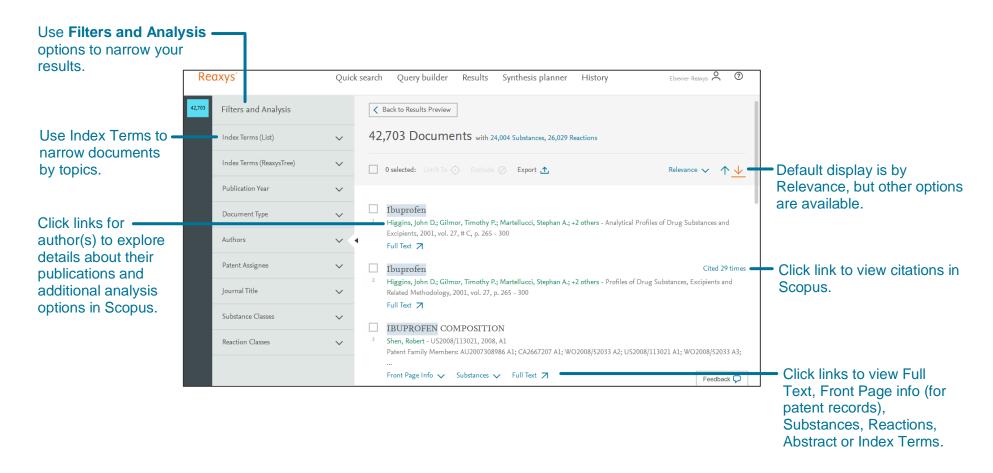


Quick search or Query builder Results – Reactions





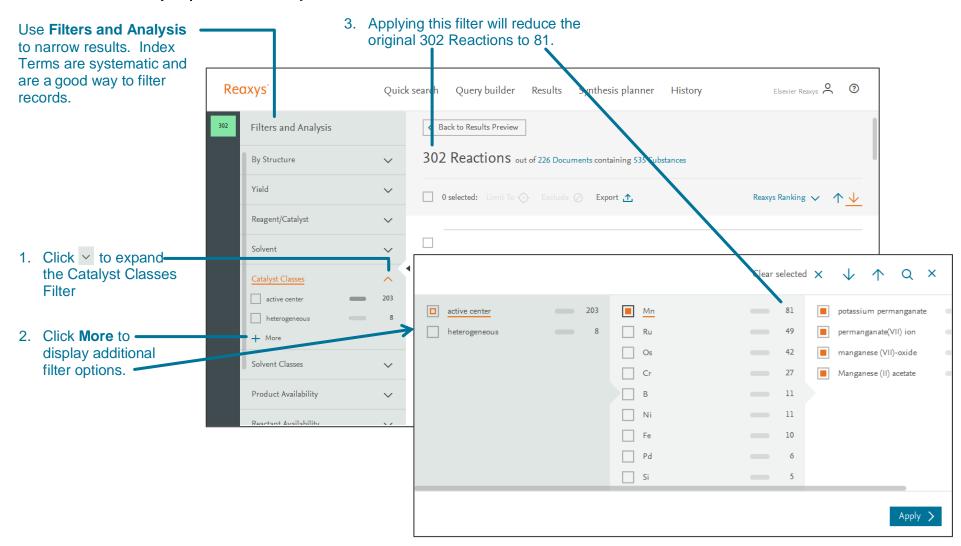
Quick search or Query builder Results – Documents





3. Analyze and Filter

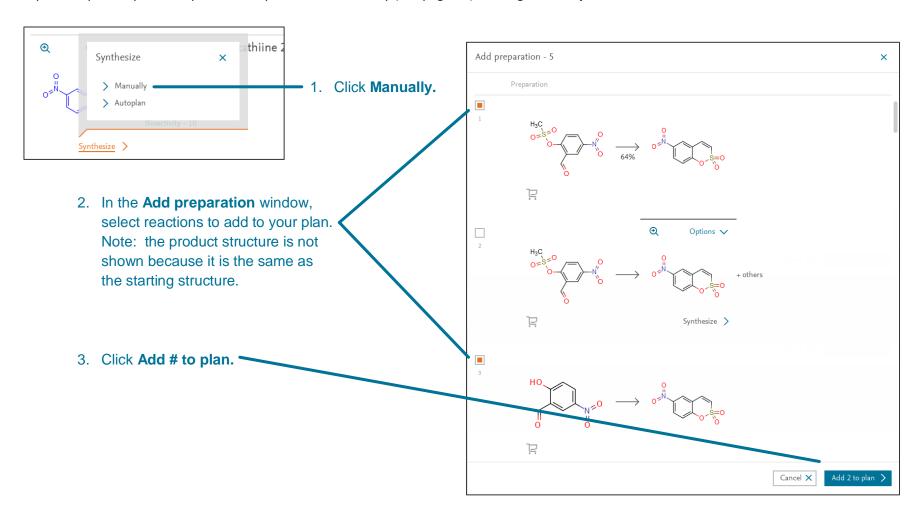
Use the Filter & Analysis panel to narrow your results:





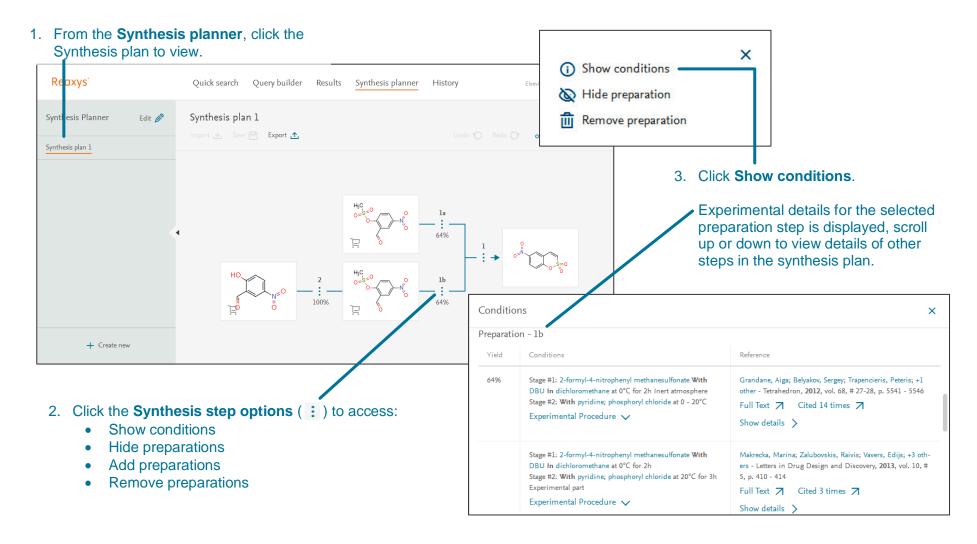
4. Synthesis planner - Manually

Build a synthesis pathway manually or let Reaxys do it automatically (see page 15). To begin, click **Synthesize** below a structure.





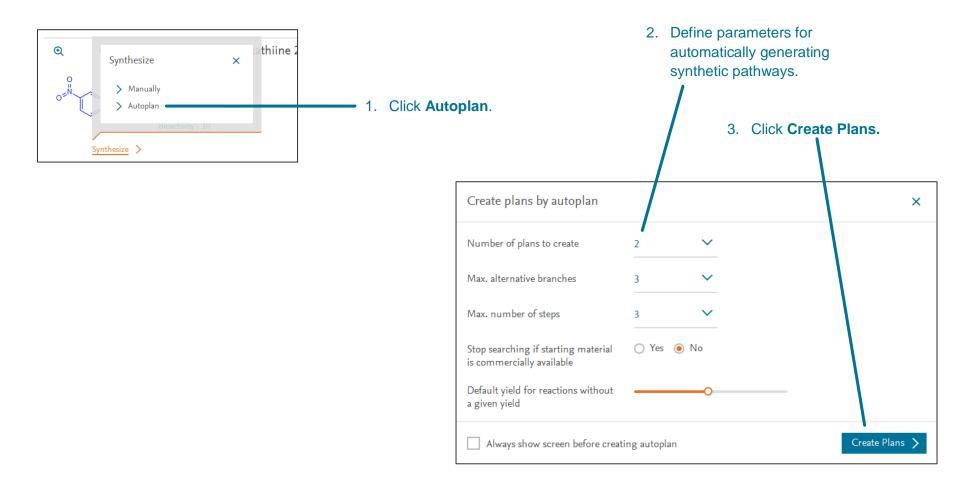
Synthesis planner – Manually (continued)





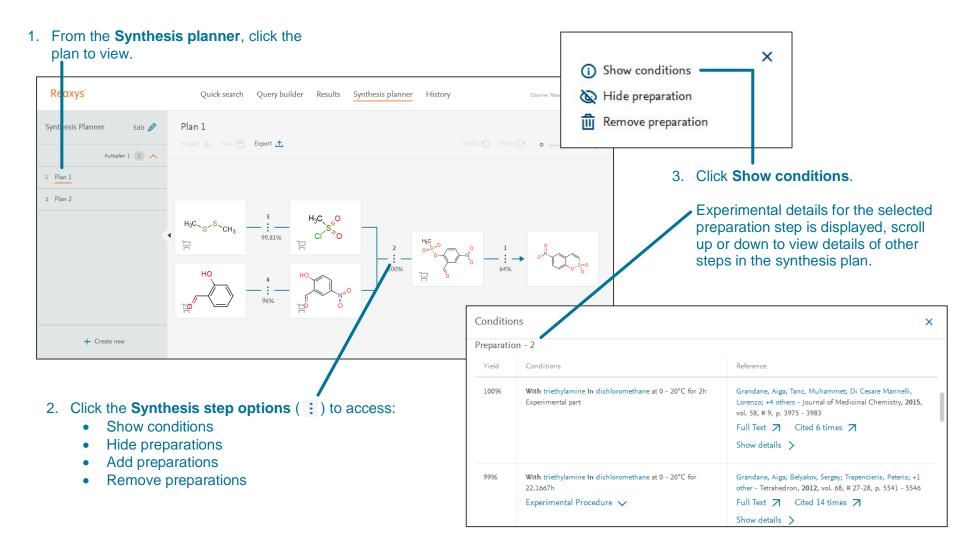
Synthesis planner - Autoplan

Let Reaxys build a synthesis pathway automatically. To begin, click **Synthesize** below a structure.





Synthesis planner – Autoplan (continued)





5. Saving and Exporting

FEATURE	COMMENT
Saving	
From the Query builder	Define the query; click Save in the upper left.
	The query is saved to a .json file.
From the Synthesis planner	Click Save
	The query is saved to a .json file.
From the History Page + Recent Tab	The History Page + Recent tab contains a list of searches from your current Reaxys session.
	Hover over a Recent Search , click Save , Enter a name, click Save .
	The Saved search can now be found under the Saved tab.
Exporting	
From the Results Page :	Select the document(s) you would like to export by ticking the boxes above the number of the search result.
	If necessary, click Options , then Export .
	Define Format, Range, Export data and Additional options.
	Click Export.
	The progress of the download is displayed in the lower right corner of the screen.
	When the export is complete, click Download .
From the Synthesis planner :	Click Export.
	Click Export documents or Export reactions.
	Define Format and Additional options.
	Click Export.
	The progress of the download is displayed in the lower right corner of the screen.
	When the export is complete, click Download .