

1. Search

	SUBSTANCES	
FEATURE	COMMENT	FEAT
Quick search as text	Enter a substance name, molecular formula or CAS number	Quick
See page 3)	in the Search Reaxys field and click Search.	(See p
	Examples:	
	Atenolol	
	 Pt(PPh3)3 	
	• 102625-70-7	
Quick search with	1. Click the Create Structure or Reaction Drawing box.	Quick
Structure or Reaction	2. Create the substance structure drawing.	Struct
Drawing	For more information on using the Marvin JS structure	Drawi
(See page 4)	editor see:	(See p
	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 <u>MarvinJS User's Guide</u> .	
	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.	Query
	OR	(See p
	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	Enter a term(s) in the Search Reaxys field and click Search .				
(See page 3)	Examples:				
	 preparation of porphyrine 				
	 phosphorylation 				
	Suzuki coupling				
	Adler phenol oxidation				
Quick search with	1. Click the Create Structure or Reaction Drawing box.				
Structure or Reaction	2. Create the reaction structure drawing.				
Drawing	For more information on using the Marvin JS structure				
(See page 4)	editor see:				
	a. The Structure drawing workflow.				
	b. Create a Reaction Query in the Search for				
	Reactions Workflow.				
	c. View our <u>Tips for using ChemAxon Marvin JS</u>				
	d. Visit the <u>ChemAxon Marvin JS</u> website which				
	includes a <u>MarvinJS User's Guide</u>				
	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. Reactions .				
	Note: Click Show fields to enter specific search values.				

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Search (continued)

LITERATURE				
FEATURE	COMMENT			
Quick search (See page 3)	 Enter a term(s) in the Search Reaxys field and click Search. Examples: publications about quasicrystals Tetrahedron, 2014, 70, 2343 published by Schrock 			
Quick search with Structure or Reaction Drawing (See page 4)	Note: Any structure or reaction query (see page 1) will primarily find substances or reactions. Any data point in those results has a reference, which 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 (See page 5 & 6)	 Click Query builder (See page 6). Select one of the Quick Querylets (Structure, Molecular Formula, CAS RN or Doc Index) under the search button. OR 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. If you have multiple search fields, use the appropriate Boolean operator (see page 7). 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. 			

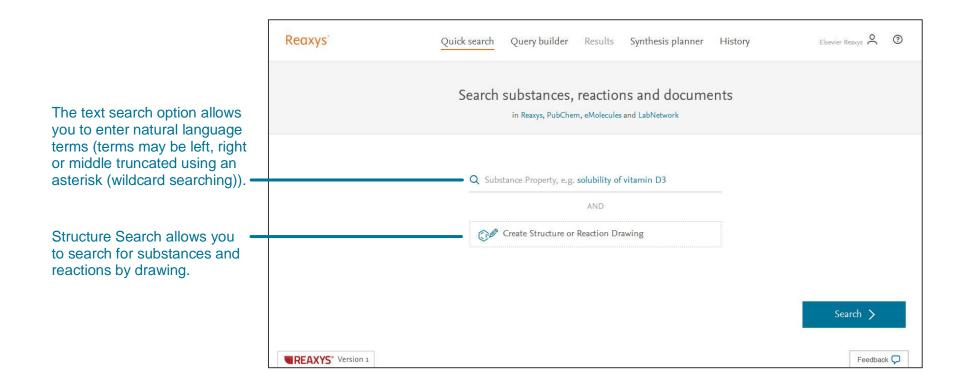
	PROPERTIES				
FEATURE	COMMENT				
Quick search (See page 3)	 Enter terms in the Search Reaxys field and click Search. Examples: boiling point of benzene density of quinolone 				
Quick search with Structure or Reaction Drawing (See page 4)	 Click the Create Structure or Reaction Drawing box. Create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

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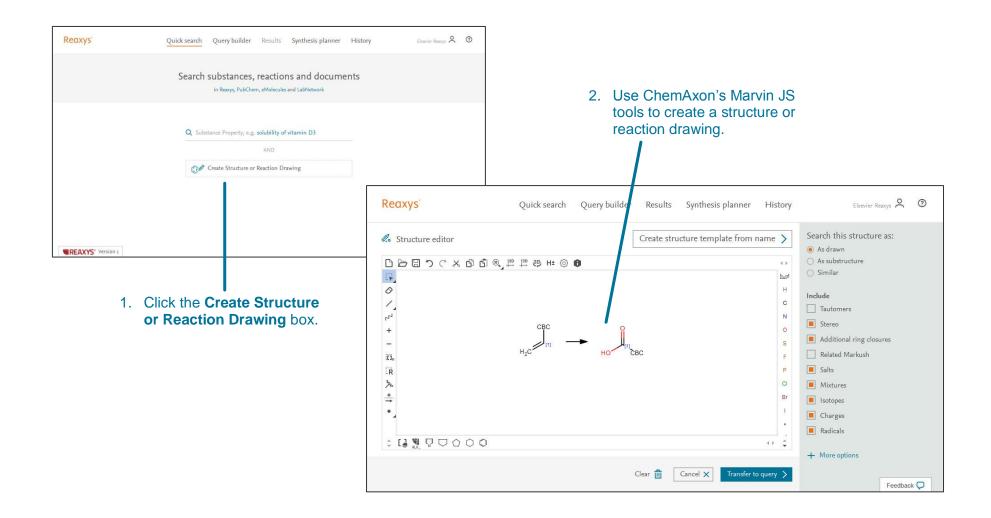


Quick search



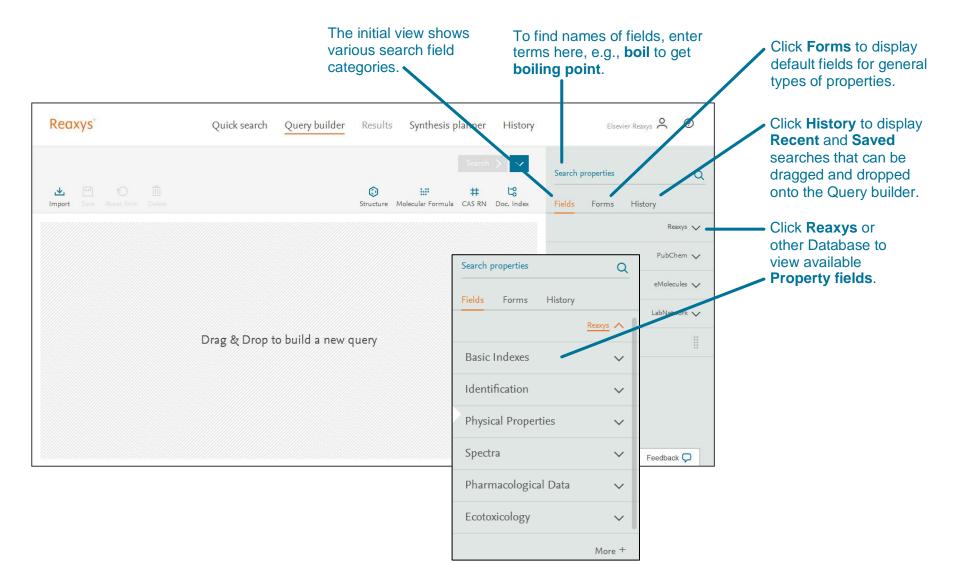


Quick search with Structure or Reaction Drawing



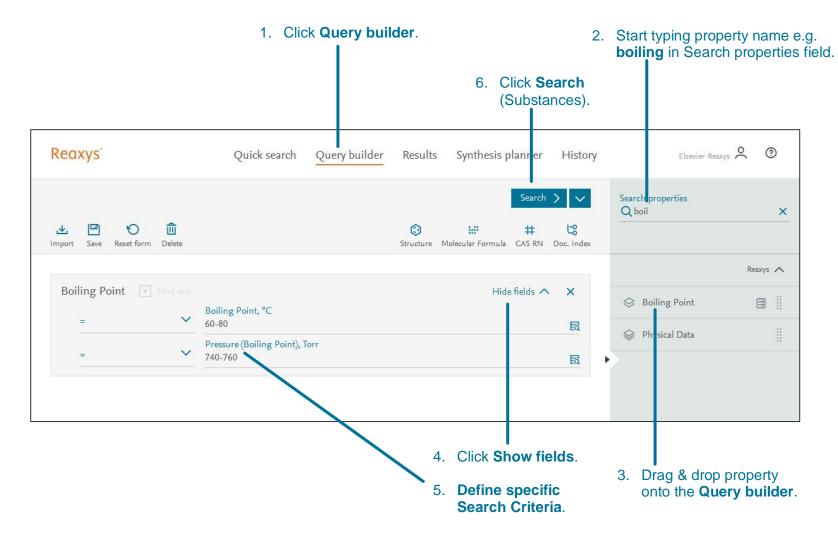


Query builder Fields & Forms Panel





Query builder Steps





Query builder: Multiple Properties and Booleans

Reaxys	Quick search Query builder	Results Synthesis planner	History	Elsevier Reaxys 🗸	<u>ې</u>
· 변 한 텐 Import Save Reset form Delete		€ E E Structure Molecular Formula CAS RN	> v Co Doc. Index	Search properties Q melt	×
				😂 Derivative	
Boiling Point Find any	Boiling Point, °C 60-80	Hide fields 🔨		😣 Melting Point	0 0 0 0 0 0 0 0
= ~	Pressure (Boiling Point), Torr 740-760		EQ.		
AND OR AND NOT PROXIMITY	AND: AND: NOT: second PROXI ensurin	ontains data from at least on contains data from both field contains the first field's data	ls and exclu arameter f	udes the fields, each other	back 🖵



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).

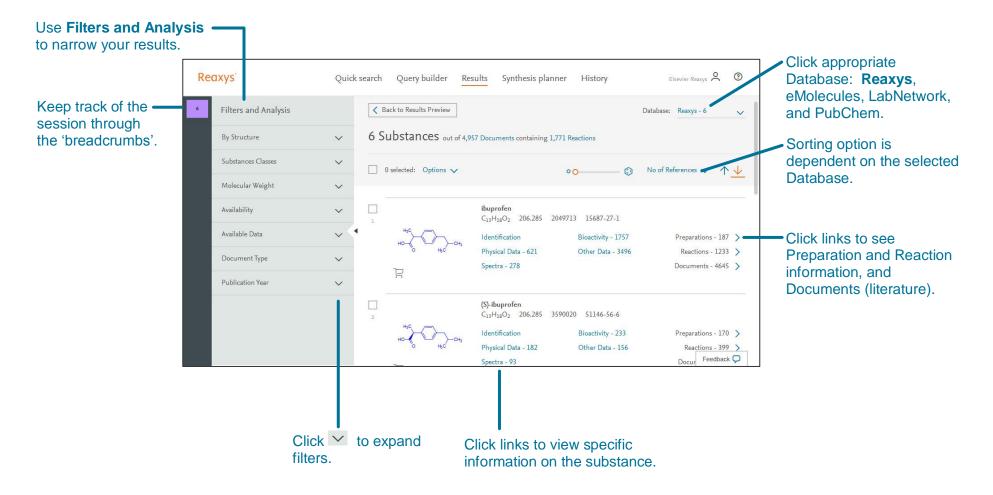
The result sets depend on the term(s) entered. In this case, Reaxys identified the name of a substance and searched for the substance by structure in Substance Records and by name in Document Records.

	Reaxys	Quie	ck search Query builder	Results	Synthesis planner	History	Elsevier Reaxys	0
	Back to Quick Search		Choose a re	esult fo	or imatinib			
This option indicates there is 1 Substance Record – found through an exact search of the structure. This option indicates there are over 29,000 Document Records – found through a search on the text term.	1	Substances	Structure : 🔯 as drawn			Preview Results 🗸	View Results 义	
	29020	Documents	Titles, Abstract, Keywords	imatinib		Preview Results 🗸	View Results >	
				t	ck Preview o view the t sults of a re	top three	Click View all results	

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

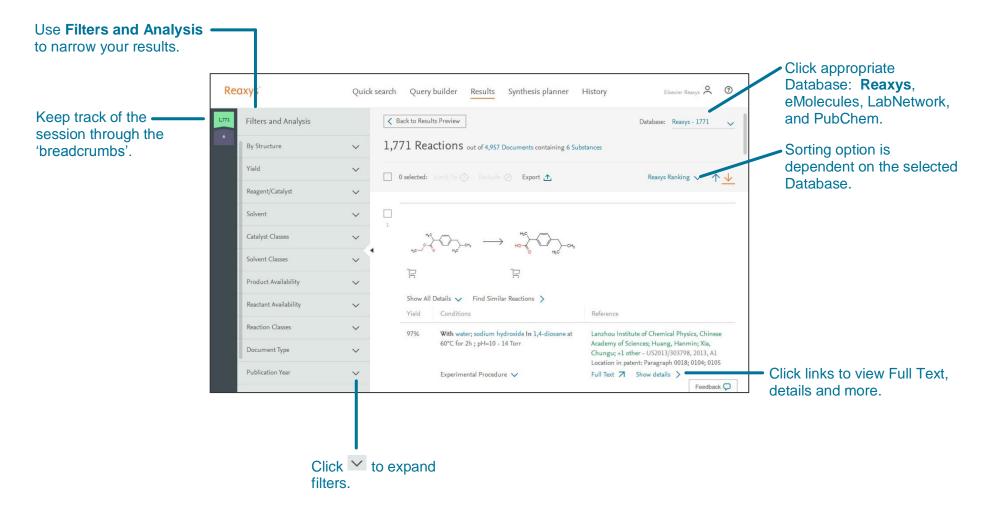


Quick search or Query builder Results – Substances



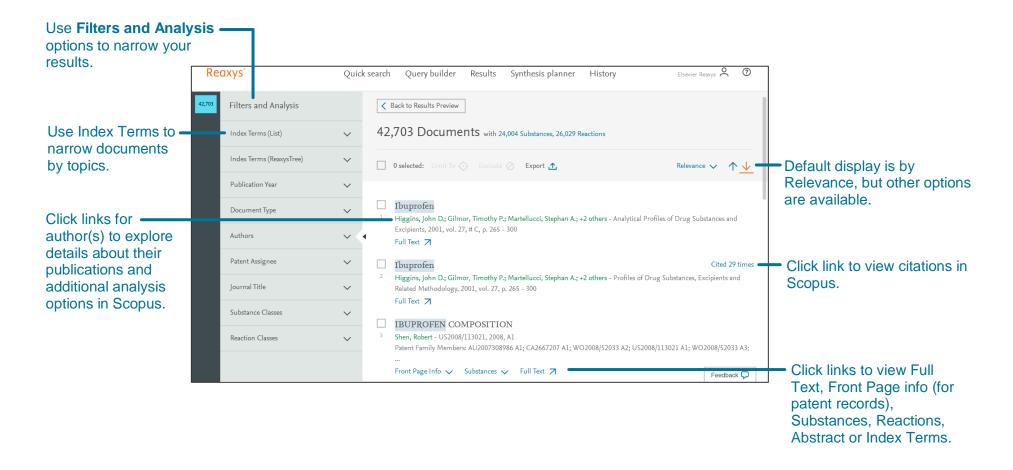


Quick search or Query builder Results – Reactions





Quick search or Query builder Results – Documents

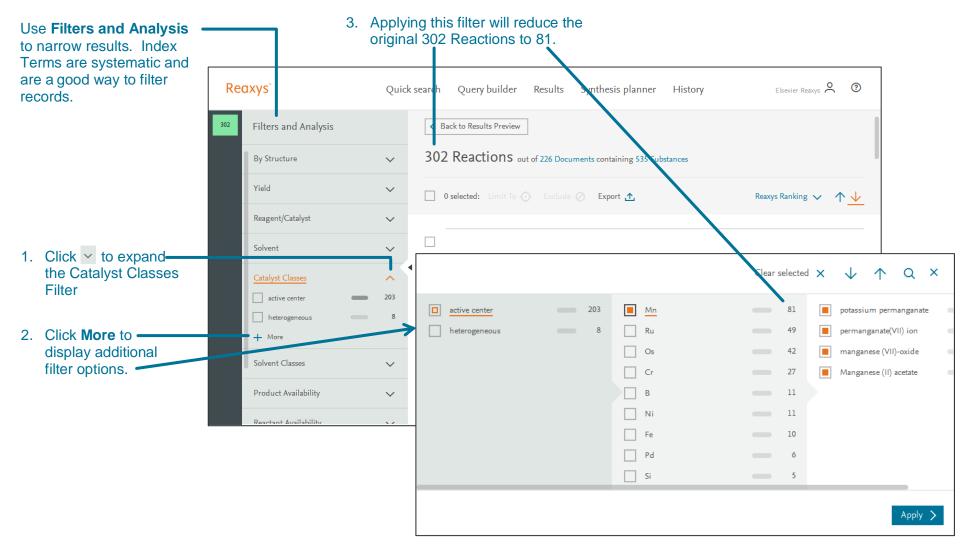






3. Analyze and Filter

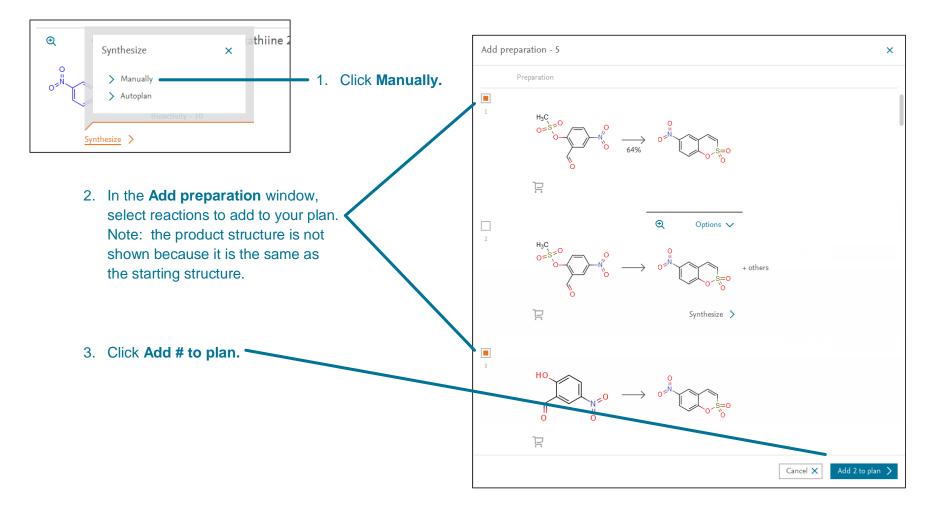
Use the Filter & Analysis panel to narrow your results:





4. Synthesis planner - Manually

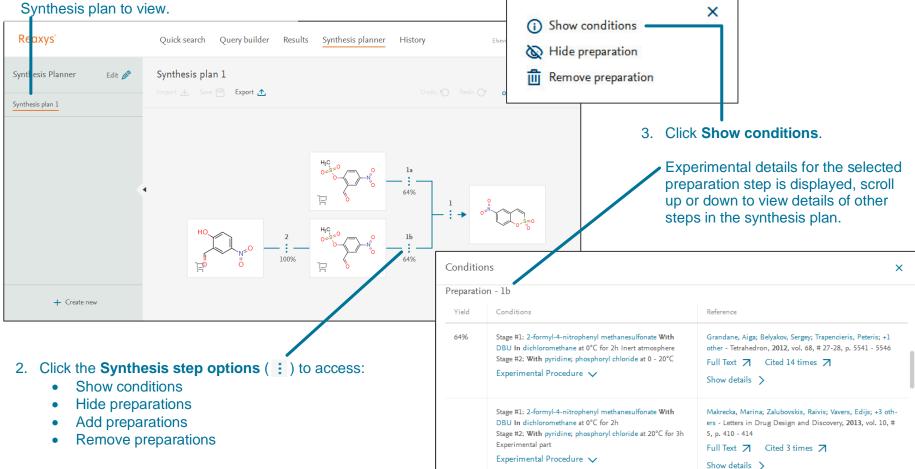
Build a synthesis pathway manually or let Reaxys do it automatically (see page 15). To begin, click **Synthesize** below a structure.





Synthesis planner – Manually (continued)

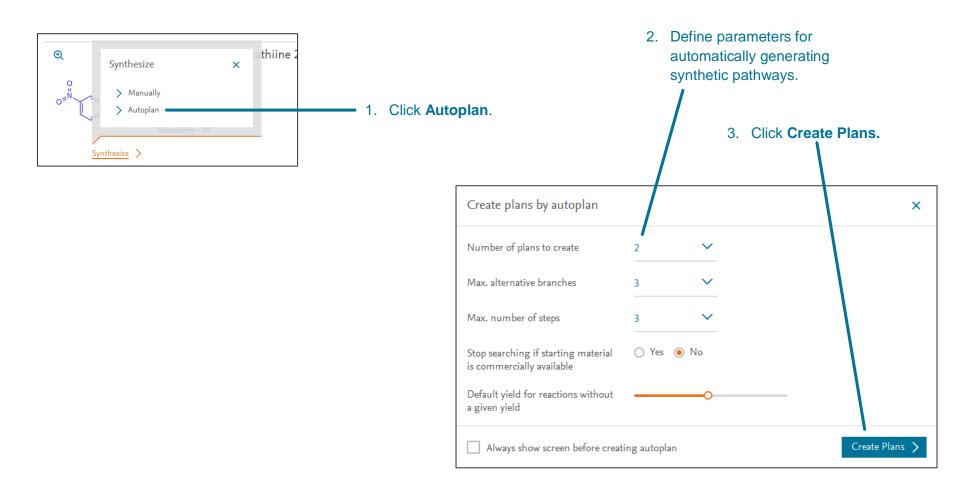
1. From the Synthesis planner, click the





Synthesis planner - Autoplan

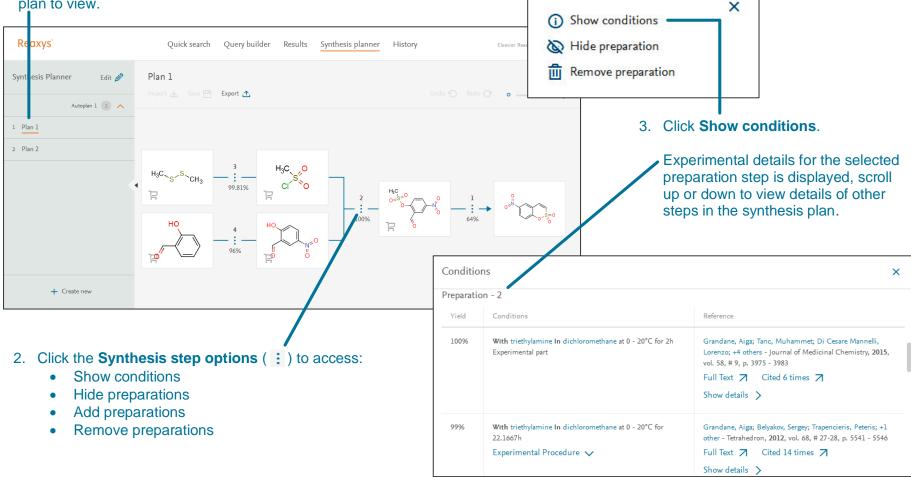
Let Reaxys build a synthesis pathway automatically. To begin, click **Synthesize** below a structure.





Synthesis planner – Autoplan (continued)

1. From the **Synthesis planner**, click the plan to view.





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. Click Options, then Export. Define Format, Range, Export data and Additional options. Click Export. To view the export progress, click Exports 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. To view the export progress, click Exports in the lower right corner of the screen. When export is complete, click Download.