

# How To...

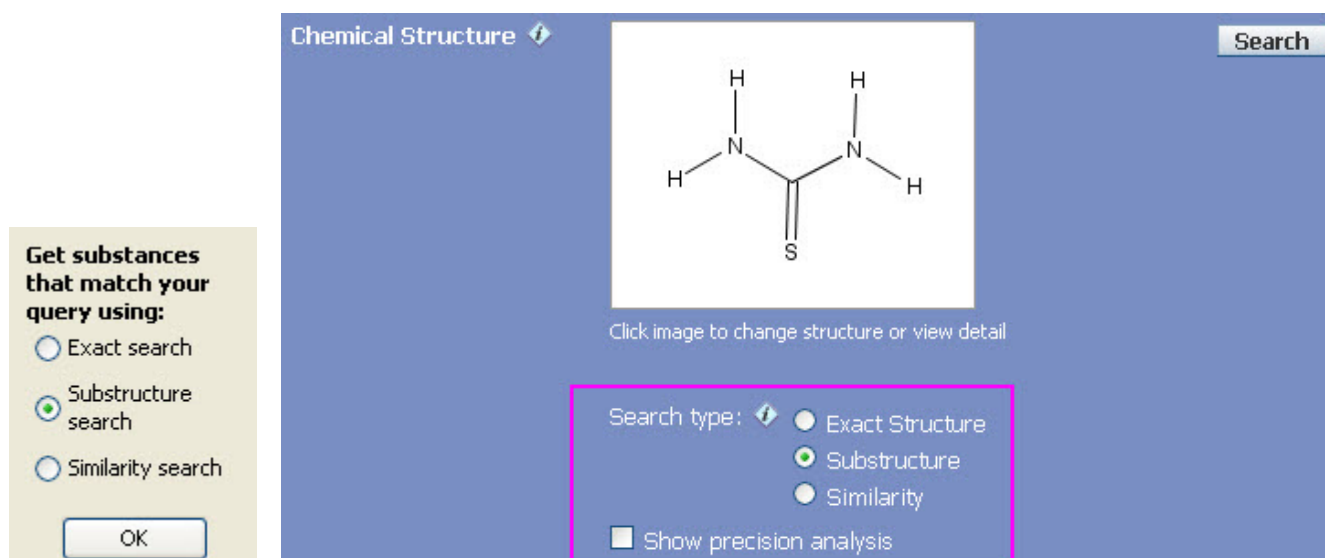
## Select Structure Options

Use SciFinder® to specify requirements for locating structure matches. To efficiently locate matches of interest, you can specify both structural and class characteristics.

You can conduct three types of structure searches in SciFinder:

- Exact
- Substructure
- Similarity

Specify the type of search you want to conduct in the Structure Editor window. Once you have drawn your structure, you can also make (or change) your selection in the Chemical Structure search window.



Precision Analysis is an advanced feature that can be helpful in certain types of structure searches. See SciFinder Help for more details.

SELECT...	WHEN YOU WANT TO LOCATE...	INCLUDES...
Exact search	The specific structure drawn in your query	<ul style="list-style-type: none"><li>• Exact match</li><li>• Stereoisomers</li><li>• Tautomers</li><li>• Salts, mixtures</li><li>• Polymers with one monomer matching exactly</li></ul>
Substructure search	Structures in which your query structure is: <ul style="list-style-type: none"><li>- Part of a more complex structure</li><li>- Embedded in a large system</li></ul>	Compounds containing your structure as well as: <ul style="list-style-type: none"><li>• Substitution at open positions</li><li>• Additional ring fusion</li></ul>
Similarity search	Similar chemical structures	Compounds containing: <ul style="list-style-type: none"><li>• Positional isomers</li><li>• Different or fewer substituents</li><li>• Different ring systems</li></ul> NOTE: Queries may not include variable groups, repeating groups, or variable attachment positions.

## Additional Search Criteria: Classes, Characteristics, Studies

You can specify the following criteria that a substance must meet for it to be included in your search results:

- Substances classes
- Substance characteristics
- Types of studies

By default, all substance classes and studies are included in the search. To limit your answer set, select only the type(s) that are of interest.

<b>Characteristic(s)</b>	<input type="checkbox"/> Single component	
	<input type="checkbox"/> Commercially available	
	<input type="checkbox"/> Included in reference(s)	
<b>Class(es)</b> ⓘ	<input type="checkbox"/> Alloys	<input type="checkbox"/> Mixtures
	<input type="checkbox"/> Coordination compounds	<input type="checkbox"/> Polymers
	<input type="checkbox"/> Incompletely defined	<input type="checkbox"/> Organics, and others not listed
<b>Studies</b> ⓘ	<input type="checkbox"/> Analytical	<input type="checkbox"/> Preparation
	<input type="checkbox"/> Biological	<input type="checkbox"/> Reactant or reagent

## Additional resources

To learn more about working with structures, refer to

- SciFinder online help files
- How To Guides for:
  - Explore by Chemical Structure
  - Explore by Structure Similarity
  - Explore by Substructure
- Instructor-led and self-directed learning options in the [Learning Solutions](#) resource center