

# SciFinder Scholar



## Why use this database?

SciFinder Scholar is used to find literature (such as articles and patents) and chemical property information in chemistry and related fields.

## Accessing the database

SciFinder Scholar can be accessed from the Libraries' site: <http://www.lib.ncsu.edu/>

- Click Databases under the red Search the Collection area
- Locate SciFinder Scholar in the alphabetical index, or go directly to: [http://www.lib.ncsu.edu/searchcollection/databases/scifinder\\_scholar.html](http://www.lib.ncsu.edu/searchcollection/databases/scifinder_scholar.html)
- All users must register with CAS before accessing the database

SciFinder Scholar is also available via desktop client software, which can be downloaded for use on campus, and is installed on selected computers in the Libraries.

## Getting started

After registering and accessing the SciFinder site, you are connected to Chemical Abstracts Service databases. You will see three options:



1. **Explore References** – Search for literature by topic
2. **Explore Substances** – Get information on a specific chemical
3. **Explore Reactions** – Search for reaction information

## Literature searching in SciFinder Scholar

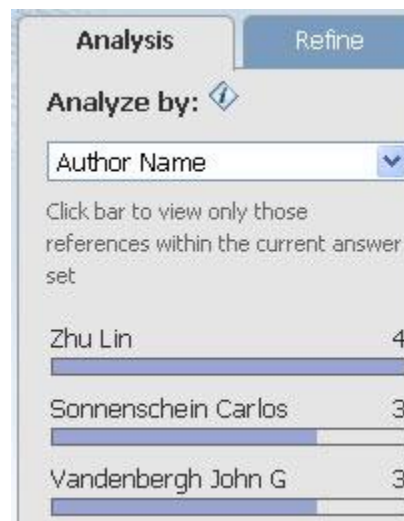
Click **Explore References**,

- Research Topic for keywords (or change to Author, etc., if appropriate)
- Enter search terms
  - SciFinder will strip out all stop words (terms that are not research concepts)
  - No phrases, quotes, parentheses, or wildcards

To improve results:

- Use Filters prior to search
- Use Analysis/Refine buttons following search

Click on title for abstract and details. Note options to get related substances and reactions, citing references, full text, and stable link.



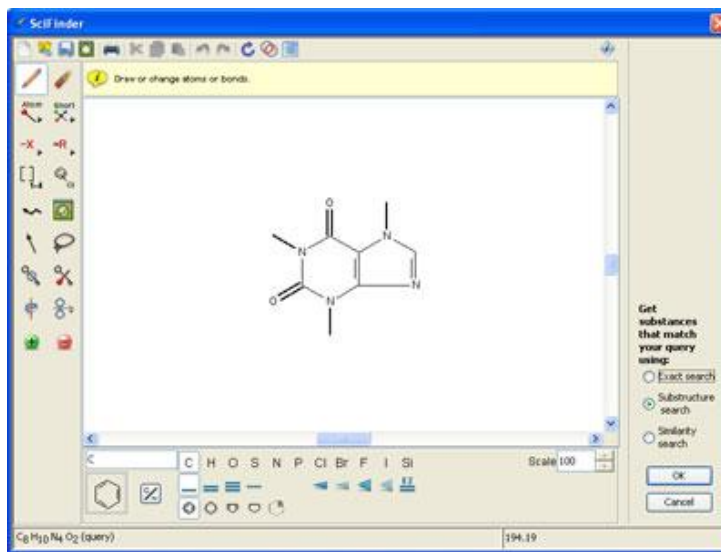
## Substance and Reaction searching in SciFinder Scholar

### Click **Explore Substances** or **Explore Reactions**,

- Draw or import structure
  - Find exact structures, substructures, or similarity search
  - Check filters for more precise searching
  - Use reaction arrow tool to specify role

Or, if exploring substances,

- Search by molecular formula or other identifier
  - CAS number is most concise and uniquely identifies a substance
  - Common names often work, but may not be precise

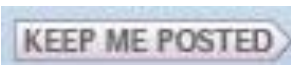


To examine results:

- Click results for details, including property data
- “Paper” icon links you to references
- Link to commercial sources or reactions
  - Select Product as the reaction role to get synthesis references



### Saving search results

- Create Keep Me Posted Profile
    - When viewing search results, click Keep Me Posted button
- 
- Enter a title and optional description.
  - You will receive weekly e-mail notification of new matching results
- Save Answer Sets
    - When viewing search results, click Save link. Enter a title and optional description. Results will be saved on server for future viewing.
  - Export to RefWorks
    - When viewing search results, click Export link. Save in Tagged format for import to RefWorks (or EndNote, ProCite, etc.)
  - Save structures (within structure editor)

Create Keep Me Posted Profile

\* Required

Research Topic "bisphenol A" with limiters > references (10630)

Title: \*  
bisphenol A

Description:

Status:  Enabled  Disabled

Expiration Date: 10/29/09

Create Cancel