

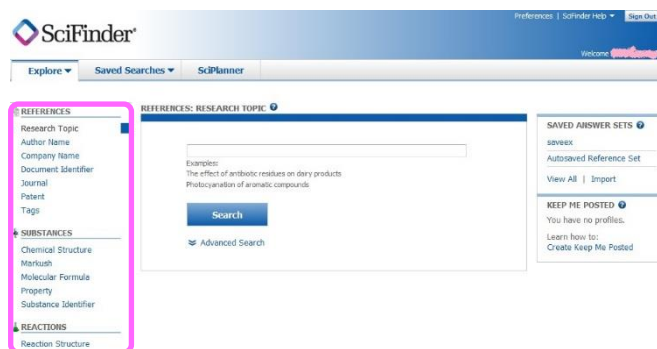
SciFinder is a database that users can access to source of references, substances, and reactions in chemistry and other related fields such as journals from CAPLUS and MEDLINE, patents, dissertations, abstracts, reviews, books, web, and more, organic and inorganic substances, DNA and protein sequences, experimental properties and properties predicted by state-of-the-art technology, ^{13}C and ^1H NMR spectra and mass spectra, bioactivity and target indicator, commercial availability and pricing information with purchasing options, regulatory information, substances found in patents, journals and web sources, single- and multi-step reactions from journals and patents, experimental procedures with content from ACS publication journals, Springer, T&F and English, German and Japanese (translated to English) language patents from authorities, reaction conditions, descriptions of catalysts, solvents and yields, commercial availability and pricing information for reactants, reagents, catalysts and solvents.

Registration

New users need to register under CUNET and use Chula email address (@...chula.ac.th) for registration at <https://scifinder.cas.org/registration/index.html?corpKey=E51CC560-86F3-50AB-4A03-8B9CC3D5E213>

Sign in

Go to <http://www.car.chula.ac.th/curef/?filter=subject&id=4> and click on **SciFinder**, then sign in by entering Username and Password received from registration. After sign in, the screen will be shown as the following picture.



Information search

REFERENCES

- ① **Research Topic:** Enter research topic in the box, users can add more details for limitation under **Advanced Search** and then click on **Search**
- ② **Author Name:** Enter author name in the box and then click on **Search**
- ③ **Company Name:** Enter company name in the box and then click on **Search**

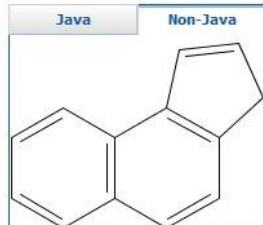
- ④ **Document Identifier:** Enter document identifier such as patent numbers or digital object identifiers (DOI) in the box (enter one per line) and then click on **Search**
- ⑤ **Journal:** Enter journal information such as journal name, volume, issue, starting page, title words, author name, and publication year in the boxes and then click on **Search**
- ⑥ **Patent:** Enter patent information such as patent number, assignee name, investor name, and publication year in the boxes and then click on **Search**

SUBSTANCES

- ① **Chemical Structure:** Draw chemical structure on **Structure Editor**, select search type, users can add more details for limitation under **Advanced Search** and then click on **Search**

Structure Editor:

Java Non-Java



Click image to change structure or view detail.

Import CXF

Search

Advanced Search


Search Type:

Exact Structure

Substructure

Similarity

Show precision analysis

 **ChemDraw**

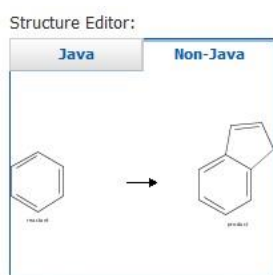
Launch a SciFinder substance or reaction search directly from ChemBioDraw Ultra 14. [Learn More](#)

- ② **Markush:** Draw Markush structure on **Structure Editor**, select search type and then click on **Search**

- Molecular Formula:** Enter molecular formula in the box and then click on **Search**
- Property:** Select property type, select physical property and enter value in the box and then click on **Search**
- Substance Identifier:** Enter CAS Registry Number or complete chemical name (enter one per line) and then click on **Search**

REACTIONS

Reaction Structure: Draw reaction structure on **Structure Editor**, select search type, users can add more details for limitation under **Advanced Search** and then click on **Search**



Search Type:

- Allow variability only as specified
- Substructure

Click image to change structure or view detail.

Import CXF

Search

Advanced Search Always Show

ChemDraw

Launch a SciFinder substance or reaction search directly from ChemBioDraw Ultra 14. [Learn More](#)

Search results

When search references by exploring **Research Topic** with keywords **organic product**, the screen will be shown as the following picture.

Select research topic and click on **Get References**, the results will be shown as the following picture.

Result management

Users can manage results by these tools

- Sort by:** Sort results
- Save:** Save results to SciFinder server
- Print:** Print results in selected format
- Export:** Export results
- Analyze:** Analyze results
- Refine:** Refine results
- Categorize:** Filter results by science category and index terms
- Get Substances:** View substance records from results
- Get Reactions:** View reaction records from results

10. **Get Related Citations:** View related citations

11. When click on title to view details of the record, the screen will be shown as the following picture.

Click on **Link to Other Sources** to go to full text sources

Sign out

When finish working, click on **Sign Out** to sign out of SciFinder.