

Chemistry 130

Searching

MP/BP	MF	Number of Atoms	MW	Spectral Peaks	Structure / Substructure	Chemical Reaction	Chemical Name	CAS Registry Number	Literature References
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By Physical Properties:

Properties of Organic Compounds	X	X	X	X	X - Data Missing for Some Cmpds	X - No Structures for Some Cmpds		X	X	
Dictionary of Organic Compounds	X	X	X	X		X - No Structures for Some Cmpds		X	X	X

By Spectra:

Properties of Organic Compounds	X	X	X	X	X - Data Missing for Some Cmpds	X - No Structures for Some Cmpds		X	X	
ACD's Interactive Web Laboratory						X				
SDBS Integrated Spectral Database for Organic Compounds		X	X	X	X - Data Missing for Some Cmpds			X	X	
Sigma-Aldrich		X			X - Browse Printed Ref Tables	X - Only on Web Site		X	X	

By Chemical Reactions:

Beilstein Crossfire		X				X	X	X	X	X
SciFinder		X				X	X	X	X	X

Access to Resources:

* POC & DOC: must download structure drawing plug-in.

* Beilstein Crossfire: Use IE (PCs) or Safari (Macs). Must have admin level access when downloading software (PCs only). Popups must be unblocked for searching.

* SciFinder: use client software (SciFinder Scholar) at Swain, download software to your computer, or use web version (one-time registration required) Max. 11 users on campus (8 client, 3 web).