

Cyclohexylsulfamic acid, trimethylsilyl ester

Other names:	Sulfamic acid, N-cyclohexyl-, trimethylsilyl ester
Inchi:	InChI=1S/C9H21NO3SSi/c1-15(2,3)13-14(11,12)10-9-7-5-4-6-8-9/h9-10H,4-8H2,1-3H3
InchiKey:	PCMCOJVLVHLVIE-UHFFFAOYSA-N
Formula:	C9H21NO3SSi
SMILES:	C[Si](C)(C)OS(=O)(=O)NC1CCCCC1
Mol. weight [g/mol]:	251.42

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.74		Crippen Method
logp	2.005		Crippen Method
rinpol	1630.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U373088&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

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<https://www.chemeo.com/cid/54-700-4/Cyclohexylsulfamic-acid-trimethylsilyl-ester.pdf>

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