

Cyclohexylsulfamic acid, tert-butyldimethylsilyl ester

Other names: Sulfamic acid, N-cyclohexyl-, tert-butyldimethylsilyl ester

Inchi: InChI=1S/C12H27NO3SSi/c1-12(2,3)18(4,5)16-17(14,15)13-11-9-7-6-8-10-11/h11,13H,6

InchiKey: MBYFTBHANQGPIJ-UHFFFAOYSA-N

Formula: C12H27NO3SSi

SMILES: CC(C)(C)[Si](C)(C)OS(=O)(=O)NC1CCCCC1

Mol. weight [g/mol]: 293.50

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.99		Crippen Method
logp	3.175		Crippen Method
rinpol	1854.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U373066&Units=SI>

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/28-005-5/Cyclohexylsulfamic-acid-tert-butyldimethylsilyl-ester.pdf>

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