

# N-Cyclohexyl-N-trimethylsilylsulfamic acid, trimethylsilyl ester

<b>Other names:</b>	N-Trimethylsilyl-sulfamic acid, N-cyclohexyl-, trimethylsilyl ester
<b>Inchi:</b>	InChI=1S/C12H29NO3SSi2/c1-18(2,3)13(12-10-8-7-9-11-12)17(14,15)16-19(4,5)6/h12H,
<b>InchiKey:</b>	JSQUHGNCTFYBFR-UHFFFAOYSA-N
<b>Formula:</b>	C12H29NO3SSi2
<b>SMILES:</b>	C[Si](C)(C)OS(=O)(=O)N(C1CCCCC1)[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	323.60

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.57		Crippen Method
logp	3.552		Crippen Method
rinpol	1686.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U373470&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U373470&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>

## Legend

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

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