

# tert-Butyldimethylsilyl N-(tert-butyldimethylsilyl)-N-cyclohexylsulfamate

**Other names:** Sulfamic acid, N-cyclohexyl-N-tert-butyldimethylsilyl-, tert-butyldimethylsilyl ester  
**Inchi:** InChI=1S/C18H41NO3SSi2/c1-17(2,3)24(7,8)19(16-14-12-11-13-15-16)23(20,21)22-25(S)  
**InchiKey:** SXYHQMGMSPTNLZ-UHFFFAOYSA-N  
**Formula:** C18H41NO3SSi2  
**SMILES:** CC(C)(C)[Si](C)(C)OS(=O)(=O)N(C1CCCCC1)[Si](C)(C)C(C)(C)C  
**Mol. weight [g/mol]:** 407.76

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.94		Crippen Method
logp	5.893		Crippen Method
rinpol	2166.00		NIST Webbook

## Sources

**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U373299&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

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