

# 1-cyclopropyl, 4,4,7,10-tetramethylsilatrane, a

**Inchi:** InChI=1S/C13H25NO3Si/c1-10-7-14-8-11(2)17-18(16-10,12-5-6-12)15-9-13(14,3)4/h10-12  
**InchiKey:** YPVKXRHORQXMOF-UHFFFAOYSA-N  
**Formula:** C13H25NO3Si  
**SMILES:** CC1CN2CC(C)O[Si](C3CC3)(OCC2(C)C)O1  
**Mol. weight [g/mol]:** 271.43

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.33		Crippen Method
logp	2.024		Crippen Method
rinpol	1717.00		NIST Webbook
rinpol	1717.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R145590&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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