

# 1,4,4,7,10-Pentamethylsilatrane, b

**Inchi:** InChI=1S/C11H23NO3Si/c1-9-6-12-7-10(2)15-16(5,14-9)13-8-11(12,3)4/h9-10H,6-8H2,1  
**InchiKey:** GNYAIEAULWGMCE-UHFFFAOYSA-N  
**Formula:** C11H23NO3Si  
**SMILES:** CC1CN2CC(C)O[Si](C)(OCC2(C)C)O1  
**Mol. weight [g/mol]:** 245.39

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.40		Crippen Method
logp	1.490		Crippen Method
rinpol	1514.00		NIST Webbook
rinpol	1514.00		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=R145476&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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