

# 3,7,10-Trimethylsilatrane, e

**Inchi:** InChI=1S/C9H19NO3Si/c1-7-4-10-5-8(2)12-14(11-7)13-9(3)6-10/h7-9,14H,4-6H2,1-3H3  
**InchiKey:** RDEMJQUJOJKXRU-UHFFFAOYSA-N  
**Formula:** C9H19NO3Si  
**SMILES:** CC1CN2CC(C)O[SiH](O1)OC(C)C2  
**Mol. weight [g/mol]:** 217.34

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.46		Crippen Method
logp	0.248		Crippen Method
rinpol	1618.00		NIST Webbook
rinpol	1618.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R146013&Units=SI>  
**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)

## Legend

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

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<https://www.chemeo.com/cid/120-535-4/3-7-10-Trimethylsilatrane-e.pdf>

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