

# 1-phenyl,3,7,10-trimethylsilatrane, e

**Inchi:** InChI=1S/C15H23NO3Si/c1-12-9-16-10-13(2)18-20(17-12,19-14(3)11-16)15-7-5-4-6-8-13  
**InchiKey:** RJQQQNQWKNMYNG-UHFFFAOYSA-N  
**Formula:** C15H23NO3Si  
**SMILES:** CC1CN2CC(C)O[Si](c3ccccc3)(O1)OC(C)C2  
**Mol. weight [g/mol]:** 293.43

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.36		Crippen Method
logp	1.377		Crippen Method
rinpol	2022.00		NIST Webbook
rinpol	2022.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R145921&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.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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