

# 1-(o-methylphenoxy)-silatrane

**Inchi:** InChI=1S/C13H19NO4Si/c1-12-4-2-3-5-13(12)18-19-15-9-6-14(7-10-16-19)8-11-17-19/h2  
**InchiKey:** ULFLIZHXFCPRIC-UHFFFAOYSA-N  
**Formula:** C13H19NO4Si  
**SMILES:** Cc1ccccc1O[Si]12OCCN(CCO1)CCO2  
**Mol. weight [g/mol]:** 281.38

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.42		Crippen Method
logp	1.188		Crippen Method
rinpol	2307.00		NIST Webbook
rinpol	2307.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R145827&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/112-876-5/1-o-methylphenoxy-silatrane.pdf>

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