

# 3,5-Dimethyl-1-dimethylphenylsilyloxybenzene

**Inchi:** InChI=1S/C16H20OSi/c1-13-10-14(2)12-15(11-13)17-18(3,4)16-8-6-5-7-9-16/h5-12H,1-4  
**InchiKey:** ZJGGKFNWKDUCPX-UHFFFAOYSA-N  
**Formula:** C16H20OSi  
**SMILES:** Cc1cc(C)cc(O[Si](C)(C)c2ccccc2)c1  
**Mol. weight [g/mol]:** 256.41

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.61		Crippen Method
logp	3.795		Crippen Method
rinpol	1721.00		NIST Webbook
rinpol	1721.00		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=U307906&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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