

# 3,5-Dimethyl-1-dimethyl(pentafluorophenyl)silylox

**Inchi:** InChI=1S/C16H15F5OSi/c1-8-5-9(2)7-10(6-8)22-23(3,4)16-14(20)12(18)11(17)13(19)15(16)  
**InchiKey:** LCKFAYGNZDLAHR-UHFFFAOYSA-N  
**Formula:** C16H15F5OSi  
**SMILES:** Cc1cc(C)cc(O[Si](C)(C)c2c(F)c(F)c(F)c(F)c2F)c1  
**Mol. weight [g/mol]:** 346.37

## Physical Properties

Property code	Value	Unit	Source
log10ws	-8.26		Crippen Method
logp	4.490		Crippen Method
rinpol	1637.00		NIST Webbook

## Sources

**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=U307937&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

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

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