

# Silane, dimethyl(dimethyl(3,5-difluorophenoxy)silyloxy)hexyloxy

**Inchi:** InChI=1S/C16H28F2O3Si2/c1-6-7-8-9-10-19-22(2,3)21-23(4,5)20-16-12-14(17)11-15(18)  
**InchiKey:** VMVARRBPOCEUKC-UHFFFAOYSA-N  
**Formula:** C16H28F2O3Si2  
**SMILES:** CCCCCCO[Si](C)(C)O[Si](C)(C)Oc1cc(F)cc(F)c1  
**Mol. weight [g/mol]:** 362.56

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.46		Crippen Method
logp	5.361		Crippen Method
rinpol	1631.00		NIST Webbook
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## 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=U347180&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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