

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

**Inchi:** InChI=1S/C14H24F2O3Si2/c1-6-7-8-17-20(2,3)19-21(4,5)18-14-10-12(15)9-13(16)11-14  
**InchiKey:** YGYHBUBWBWNXLM-UHFFFAOYSA-N  
**Formula:** C14H24F2O3Si2  
**SMILES:** CCCCOSi(C)(C)OSi(C)(C)Oc1cc(F)cc(F)c1  
**Mol. weight [g/mol]:** 334.51

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.63		Crippen Method
logp	4.580		Crippen Method
rinpol	1452.00		NIST Webbook
rinpol	1452.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347178&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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