

# Silane, dimethyl(2-pentyloxy)(dimethyl(2-pentyloxy)silyloxy)silane

**Inchi:** InChI=1S/C14H34O3Si2/c1-9-11-13(3)15-18(5,6)17-19(7,8)16-14(4)12-10-2/h13-14H,9-11H,12H,15-18H,17H,19H  
**InchiKey:** PMLHITGHWITFPB-UHFFFAOYSA-N  
**Formula:** C14H34O3Si2  
**SMILES:** CCCC(C)O[Si](C)(C)O[Si](C)(C)OC(C)CCC  
**Mol. weight [g/mol]:** 306.59

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.43		Crippen Method
logp	4.817		Crippen Method
rinpol	1330.00		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=U346873&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

## Legend

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

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