

# Silane, dimethyl(dimethyl(2-methylbutoxy)silyloxy)heptyloxy

**Inchi:** InChI=1S/C16H38O3Si2/c1-8-10-11-12-13-14-17-20(4,5)19-21(6,7)18-15-16(3)9-2/h16H  
**InchiKey:** GWAKUKWYPHFKGX-UHFFFAOYSA-N  
**Formula:** C16H38O3Si2  
**SMILES:** CCCCCCO[Si](C)(C)O[Si](C)(C)OCC(C)CC  
**Mol. weight [g/mol]:** 334.64

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.81		Crippen Method
logp	5.456		Crippen Method
rinpol	1570.00		NIST Webbook
rinpol	1570.00		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=U347013&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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