

# Silane, dimethyl(dimethyldecyloxysilyloxy)propoxy-

**Inchi:** InChI=1S/C17H40O3Si2/c1-7-9-10-11-12-13-14-15-17-19-22(5,6)20-21(3,4)18-16-8-2/h7  
**InchiKey:** RJHOEEJGNAOFAR-UHFFFAOYSA-N  
**Formula:** C17H40O3Si2  
**SMILES:** CCCCCCCCCO[Si](C)(C)O[Si](C)(C)OCCC  
**Mol. weight [g/mol]:** 348.67

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.47		Crippen Method
logp	5.991		Crippen Method
rinpol	1733.00		NIST Webbook
rinpol	1733.00		NIST Webbook

## Sources

**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)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346935&Units=SI>

## Legend

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

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