

# Silane, dimethyl(dimethyloctyloxysilyloxy)pentyloxy-

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

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.47		Crippen Method
logp	5.991		Crippen Method
rinpol	1709.00		NIST Webbook
rinpol	1709.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346734&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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<https://www.chemeo.com/cid/113-503-7/Silane-dimethyl-dimethyloctyloxysilyloxy-pentyloxy.pdf>

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