

# Silane, dimethylpentylxydecyloxy-

**Inchi:** InChI=1S/C17H38O2Si/c1-5-7-9-10-11-12-13-15-17-19-20(3,4)18-16-14-8-6-2/h5-17H2,1  
**InchiKey:** JMJOAKDHSBDKOX-UHFFFAOYSA-N  
**Formula:** C17H38O2Si  
**SMILES:** CCCCCCCCCO[Si](C)(C)OCCCCC  
**Mol. weight [g/mol]:** 302.57

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.75		Crippen Method
logp	6.052		Crippen Method
rinpol	1772.00		NIST Webbook
rinpol	1772.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346828&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.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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