

# Silane, dimethyldecyloxyisohexyloxy-

**Inchi:** InChI=1S/C18H40O2Si/c1-6-7-8-9-10-11-12-13-16-19-21(4,5)20-17-14-15-18(2)3/h18H,6  
**InchiKey:** YOXZZBFOHGQLPG-UHFFFAOYSA-N  
**Formula:** C18H40O2Si  
**SMILES:** CCCCCCCCCO[Si](C)(C)OCCCC(C)C  
**Mol. weight [g/mol]:** 316.59

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.92		Crippen Method
logp	6.298		Crippen Method
rinpol	1828.00		NIST Webbook
rinpol	1828.00		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=U346922&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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<https://www.chemeo.com/cid/99-375-7/Silane-dimethyldecyloxyisohexyloxy.pdf>

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