

# Silane, dimethyl(2-decyloxy)hexyloxy-

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

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.28		Crippen Method
logp	6.441		Crippen Method
rinpol	1774.00		NIST Webbook
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## 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=U347621&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307I>

## 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/99-372-0/Silane-dimethyl-2-decyloxy-hexyloxy.pdf>

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