

# Silane, dimethyl(oct-3-en-2-yloxy)octyloxy-

**Inchi:** InChI=1S/C18H38O2Si/c1-6-8-10-12-13-15-17-19-21(4,5)20-18(3)16-14-11-9-7-2/h14,16  
**InchiKey:** ONMQUIMKROIQRT-JQIJEIRASA-N  
**Formula:** C18H38O2Si  
**SMILES:** CCCCC=CC(C)O[Si](C)(C)OCCCCCCCC  
**Mol. weight [g/mol]:** 314.58

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.13		Crippen Method
logp	6.217		Crippen Method
rinpol	1759.00		NIST Webbook
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## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347933&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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