

# Silane, dimethyl(undec-2-enyloxy)octadecyloxy-

**Inchi:** InChI=1S/C31H64O2Si/c1-5-7-9-11-13-15-16-17-18-19-20-21-23-25-27-29-31-33-34(3,4)  
**InchiKey:** NOLGZBUFPHDSHU-BYCLXTJYSA-N  
**Formula:** C31H64O2Si  
**SMILES:** CCCCCCCC=CCO[Si](C)(C)OCCCCCCCCCCCCCCCCCC  
**Mol. weight [g/mol]:** 496.92

## Physical Properties

Property code	Value	Unit	Source
log10ws	-9.46		Crippen Method
logp	11.290		Crippen Method
rinsol	3101.00		NIST Webbook
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## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347946&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  
**rinsol:** Non-polar retention indices

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