

# Silane, dimethyl(dodec-2-enyloxy)ethoxy-

**Inchi:** InChI=1S/C16H34O2Si/c1-5-7-8-9-10-11-12-13-14-15-16-18-19(3,4)17-6-2/h14-15H,5-13  
**InchiKey:** VUWALBAWGAQBTG-CCEZHUSRSA-N  
**Formula:** C16H34O2Si  
**SMILES:** CCCCCCCCC=CCO[Si](C)(C)OCC  
**Mol. weight [g/mol]:** 286.53

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.18		Crippen Method
logp	5.438		Crippen Method
rinpol	1714.00		NIST Webbook
rinpol	1714.00		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=U348064&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/121-099-8/Silane-dimethyl-dodec-2-enyloxy-ethoxy.pdf>

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