

# bis[(1-Ethenylhexyl)oxy](dimethyl)silane

**Inchi:** InChI=1S/C18H36O2Si/c1-7-11-13-15-17(9-3)19-21(5,6)20-18(10-4)16-14-12-8-2/h9-10,  
**InchiKey:** LDPJHHDKODMHBL-UHFFFAOYSA-N  
**Formula:** C18H36O2Si  
**SMILES:** C=CC(CCCCC)O[Si](C)(C)OC(C=C)CCCC  
**Mol. weight [g/mol]:** 312.56

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.10		Crippen Method
logp	5.991		Crippen Method
rinpol	1609.80		NIST Webbook
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## 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=U352749&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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