

# 1,3-bis[(1-Ethenylhexyl)oxy]-1,1,3,3-tetramethyldisiloxane

**Inchi:** InChI=1S/C20H42O3Si2/c1-9-13-15-17-19(11-3)21-24(5,6)23-25(7,8)22-20(12-4)18-16-1  
**InchiKey:** RJHCNXJPBSXPBY-UHFFFAOYSA-N  
**Formula:** C20H42O3Si2  
**SMILES:** C=CC(CCCCC)O[Si](C)(C)O[Si](C)(C)OC(C=C)CCCC  
**Mol. weight [g/mol]:** 386.72

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.65		Crippen Method
logp	6.710		Crippen Method
rinpol	1751.40		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=U352748&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

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