

# 9,10-epoxy-18-hydroxyoctadecanoic acid, TMSi ester TMSi ether

**Inchi:** InChI=1S/C24H50O4Si2/c1-29(2,3)26-21-17-13-8-7-10-14-18-22-23(27-22)19-15-11-9-1  
**InchiKey:** INHBHQWEFUVFMU-UHFFFAOYSA-N  
**Formula:** C24H50O4Si2  
**SMILES:** C[Si](C)(C)OCCCCCCCC1OC1CCCCCCCC(=O)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 458.82

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.13		Crippen Method
logp	7.445		Crippen Method
rinpol	2840.00		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=R423855&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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