

# 9,10-epoxy-18-hydroxyoctadec-12-enoic acid, TMSi ester TMSi ether

**Inchi:** InChI=1S/C24H48O4Si2/c1-29(2,3)26-21-17-13-8-7-10-14-18-22-23(27-22)19-15-11-9-1  
**InchiKey:** FXAPGBWDANKKLH-UVTDQMKNSA-N  
**Formula:** C24H48O4Si2  
**SMILES:** C[Si](C)(C)OCCCCC=CCC1OC1CCCCCCCC(=O)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 456.81

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.98		Crippen Method
logp	7.221		Crippen Method
rinsol	2808.00		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=R423835&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

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

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