

# 9-Octadecenoic acid, 11-hydroxy, 12,13-epoxy, TMS, methyl ester, # 1

**Inchi:** InChI=1S/C22H42O4Si/c1-6-7-13-16-19-22(25-19)20(26-27(3,4)5)17-14-11-9-8-10-12-15  
**InchiKey:** JGPCFZCXXCTAPA-VKAVYKQESA-N  
**Formula:** C22H42O4Si  
**SMILES:** CCCCCC1OC1C(C=CCCCCCCCC(=O)OC)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 398.65

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.20		Crippen Method
logp	6.014		Crippen Method
rinpol	2388.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R398997&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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