

# 11-Octadecenoic acid, 9,10,13-tris-hydroxy, TMS, methyl ester, # 2

**Inchi:** InChI=1S/C28H60O5Si3/c1-12-13-17-20-25(31-34(3,4)5)23-24-27(33-36(9,10)11)26(32-35)37-38  
**InchiKey:** KSPFBLAYGBDSKW-VHXPQNKSSA-N  
**Formula:** C28H60O5Si3  
**SMILES:** CCCCCC(C=CC(O[Si](C)(C)C)C(CCCCCCCC(=O)OC)O[Si](C)(C)C)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 561.03

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.01		Crippen Method
logp	8.687		Crippen Method
rinpol	2545.00		NIST Webbook
rinpol	2545.00		NIST Webbook

## 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=R398779&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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