

# Tetradecanoic acid, 2-hydroxy-13-methyl, methyl ester, TMS

**Inchi:** InChI=1S/C19H40O3Si/c1-17(2)15-13-11-9-7-8-10-12-14-16-18(19(20)21-3)22-23(4,5)6/  
**InchiKey:** RLBOWVJOLXLXSQ-UHFFFAOYSA-N  
**Formula:** C19H40O3Si  
**SMILES:** COC(=O)C(CCCCCCCCCC(C)C)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 344.60

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.65		Crippen Method
logp	5.936		Crippen Method

## 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=R383792&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

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