

# Methyl 10-hydroxy-8-decenoate, TMS

**Inchi:** InChI=1S/C14H28O3Si/c1-16-14(15)12-10-8-6-5-7-9-11-13-17-18(2,3)4/h9,11H,5-8,10,14H,15H,16H,17H,18H  
**InchiKey:** QSLDIHYKDGCLPO-PKQBQFBNSA-N  
**Formula:** C<sub>14</sub>H<sub>28</sub>O<sub>3</sub>Si  
**SMILES:** COC(=O)CCCCCC=CCO[Si](C)(C)C  
**Mol. weight [g/mol]:** 272.46

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.54		Crippen Method
logp	3.908		Crippen Method
rinpol	1620.00		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=R149507&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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