

# Methyl 10-hydroxydecanoate, TMS

**Inchi:** InChI=1S/C14H30O3Si/c1-16-14(15)12-10-8-6-5-7-9-11-13-17-18(2,3)4/h5-13H2,1-4H3  
**InchiKey:** FIDVVOMZTJPFKE-UHFFFAOYSA-N  
**Formula:** C14H30O3Si  
**SMILES:** COC(=O)CCCCCCCCCO[Si](C)(C)C  
**Mol. weight [g/mol]:** 274.47

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.68		Crippen Method
logp	4.132		Crippen Method
rinpol	1657.00		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=R149512&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

Latest version available from:

<https://www.chemeo.com/cid/122-803-4/Methyl-10-hydroxydecanoate-TMS.pdf>

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