

# 12-Hydroxy-heptadecanoic acid, methyl ester, tBDMS ether

**Inchi:** InChI=1S/C24H50O3Si/c1-8-9-16-19-22(27-28(6,7)24(2,3)4)20-17-14-12-10-11-13-15-18  
**InchiKey:** WALCJWZRTFZHJW-UHFFFAOYSA-N  
**Formula:** C24H50O3Si  
**SMILES:** CCCCC(CCCCCCCCC(=O)OC)O[Si](C)(C)C(C)(C)C  
**Mol. weight [g/mol]:** 414.74

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.98		Crippen Method
logp	8.031		Crippen Method
rinpol	2466.00		NIST Webbook
rinpol	2466.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**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=R187207&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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