

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

**Inchi:** InChI=1S/C24H50O3Si/c1-8-9-10-16-19-22(27-28(6,7)24(2,3)4)20-17-14-12-11-13-15-18  
**InchiKey:** KMXPTBPFBXFRSU-UHFFFAOYSA-N  
**Formula:** C24H50O3Si  
**SMILES:** CCCCCC(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	2461.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R187252&Units=SI>  
**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)

## 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.cheméo.com/cid/83-977-6/11-Hydroxy-heptadecanoic-acid-methyl-ester-tBDMS-ether.pdf>

Generated by Cheméo on 2024-04-23 10:32:18.191760136 +0000 UTC m=+16157587.112337451.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.