

# 18-Hydroxy-nonadecanoic, methyl ester, tBDMS ether

**Inchi:** InChI=1S/C26H54O3Si/c1-24(29-30(6,7)26(2,3)4)22-20-18-16-14-12-10-8-9-11-13-15-17  
**InchiKey:** VZBKXHGVIODSKA-UHFFFAOYSA-N  
**Formula:** C26H54O3Si  
**SMILES:** COC(=O)CCCCCCCCCCCCCCCCC(C)O[Si](C)(C)C(C)(C)C  
**Mol. weight [g/mol]:** 442.79

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.82		Crippen Method
logp	8.811		Crippen Method
rinpol	2771.00		NIST Webbook
rinpol	2771.00		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=R187014&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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