

# 3-Hydroxy-palmitic acid, methyl ester, 3-tBDMS ether

**Inchi:** InChI=1S/C23H48O3Si/c1-8-9-10-11-12-13-14-15-16-17-18-19-21(20-22(24)25-5)26-27(28)29  
**InchiKey:** YJDWDOIHWAMKFQ-UHFFFAOYSA-N  
**Formula:** C23H48O3Si  
**SMILES:** CCCCCCCCCCCCCC(CC(=O)OC)O[Si](C)(C)C(C)(C)C  
**Mol. weight [g/mol]:** 400.71

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.56		Crippen Method
logp	7.641		Crippen Method
rinpol	2336.00		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=R186828&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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