

# 13-Hydroxy-arachidic, methyl ester, tBDMS ether

**Inchi:** InChI=1S/C27H56O3Si/c1-8-9-10-16-19-22-25(30-31(6,7)27(2,3)4)23-20-17-14-12-11-13  
**InchiKey:** ARFFSXAHGKLFU-UHFFFAOYSA-N  
**Formula:** C27H56O3Si  
**SMILES:** CCCCCCCC(CCCCCCCCCCCC(=O)OC)O[Si](C)(C)C(C)(C)C  
**Mol. weight [g/mol]:** 456.82

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.24		Crippen Method
logp	9.201		Crippen Method
rinpol	2738.00		NIST Webbook
rinpol	2738.00		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=R187292&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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