

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

**Inchi:** InChI=1S/C27H56O3Si/c1-8-9-10-11-12-13-14-15-16-17-18-19-22-25(23-20-21-24-26(28  
**InchiKey:** JBJDUECARVBNET-UHFFFAOYSA-N  
**Formula:** C27H56O3Si  
**SMILES:** CCCCCCCCCCCCCC(CCCCC(=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	2739.00		NIST Webbook
rinpol	2739.00		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=R186848&Units=SI>

## 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.chemeo.com/cid/94-884-7/6-Hydroxy-arachidic-methyl-ester-tBDMS-ether.pdf>

Generated by Cheméo on 2024-04-26 10:09:14.399866907 +0000 UTC m=+16415403.320444220.

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