

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

**Inchi:** InChI=1S/C27H56O3Si/c1-25(30-31(6,7)27(2,3)4)23-21-19-17-15-13-11-9-8-10-12-14-16  
**InchiKey:** TWXPLILNWDBDJC-UHFFFAOYSA-N  
**Formula:** C27H56O3Si  
**SMILES:** COC(=O)CCCCCCCCCCCCCCCCCCC(C)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
rinsol	2853.00		NIST Webbook
rinsol	2853.00		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=R186997&Units=SI>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinsol:** Non-polar retention indices

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<https://www.chemeo.com/cid/86-420-0/19-Hydroxy-arachidic-methyl-ester-tBDMS-ether.pdf>

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