

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

<b>Inchi:</b>	InChI=1S/C27H56O3Si/c1-8-9-22-25(30-31(6,7)27(2,3)4)23-20-18-16-14-12-10-11-13-15
<b>InchiKey:</b>	UTTXEPJLPIUDEG-UHFFFAOYSA-N
<b>Formula:</b>	C27H56O3Si
<b>SMILES:</b>	CCCC(CCCCCCCCCCCCCC(=O)OC)O[Si](C)(C)C(C)(C)C
<b>Mol. weight [g/mol]:</b>	456.82

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.24		Crippen Method
logp	9.201		Crippen Method
rinpol	2784.00		NIST Webbook
rinpol	2784.00		NIST Webbook

## Sources

<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=R187143&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R187143&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307I">http://pubs.acs.org/doi/abs/10.1021/ci990307I</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>rinpol:</b>	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/94-880-1/16-Hydroxy-arachidic-methyl-ester-tBDMS-ether.pdf>

Generated by Cheméo on 2024-04-27 04:35:04.0888854 +0000 UTC m=+16481753.009462713.

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