

3-Hydroxy-arachidic, methyl ester, 3-tBDMS ether

Inchi:	InChI=1S/C27H56O3Si/c1-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-25(24-26(28
InchiKey:	AUEZSDRLGPFCCCH-UHFFFAOYSA-N
Formula:	C27H56O3Si
SMILES:	CCCCCCCCCCCCCCCCCC(CC(=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	2734.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R186962&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

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/94-883-8/3-Hydroxy-arachidic-methyl-ester-3-tBDMS-ether.pdf>

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