

15-Hydroxy-arachidic, methyl ester, tBDMS ether

Inchi:	InChI=1S/C27H56O3Si/c1-8-9-19-22-25(30-31(6,7)27(2,3)4)23-20-17-15-13-11-10-12-14
InchiKey:	PBZYXVSZVCDKLI-UHFFFAOYSA-N
Formula:	C27H56O3Si
SMILES:	CCCCC(CCCCCCCCCCCCC(=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	2787.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R187198&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

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/32-990-7/15-Hydroxy-arachidic-methyl-ester-tBDMS-ether.pdf>

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