

16-Hydroxy-heptadecanoic acid, methyl ester, tBDMS ether

Inchi:	InChI=1S/C24H50O3Si/c1-22(27-28(6,7)24(2,3)4)20-18-16-14-12-10-8-9-11-13-15-17-19
InchiKey:	AKHKRRUWOIDSEX-UHFFFAOYSA-N
Formula:	C24H50O3Si
SMILES:	COC(=O)CCCCCCCCCCCCCCC(C)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	414.74

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.98		Crippen Method
logp	8.031		Crippen Method
rinpol	2541.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R187009&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

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<https://www.chemeo.com/cid/83-975-8/16-Hydroxy-heptadecanoic-acid-methyl-ester-tBDMS-ether.pdf>

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