

Methylmyristate, 2-trimethylsilyloxy

Other names:	Tetradecanoic acid, 2-hydroxy, methyl ester, TMS Methyl 2-hydroxytetradecanoate, tms derivative
Inchi:	InChI=1S/C18H38O3Si/c1-6-7-8-9-10-11-12-13-14-15-16-17(18(19)20-2)21-22(3,4)5/h17
InchiKey:	MTVNRDDQMNKJFO-UHFFFAOYSA-N
Formula:	C18H38O3Si
SMILES:	CCCCCCCCCCCC(O[Si](C)(C)C)C(=O)OC
Mol. weight [g/mol]:	330.58

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.47		Crippen Method
logp	5.690		Crippen Method
rinpola	1930.00		NIST Webbook
rinpola	1930.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U79116&Units=SI

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/66-048-6/Methylmyristate-2-trimethylsilyloxy.pdf>

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