

Tetradecanoic acid, 6-methyl, trimethylsilyl ester

Inchi:	InChI=1S/C18H38O2Si/c1-6-7-8-9-10-11-14-17(2)15-12-13-16-18(19)20-21(3,4)5/h17H,6
InchiKey:	DMXSKGFQEOEEEL-UHFFFAOYSA-N
Formula:	C18H38O2Si
SMILES:	CCCCCCCC(C)CCCC(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	314.58

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.03		Crippen Method
logp	6.312		Crippen Method
rinpol	1884.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R166988&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/41-622-5/Tetradecanoic-acid-6-methyl-trimethylsilyl-ester.pdf>

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