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: CCCCCCCCC(C)CCCCC(=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/ci990307l

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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