

Tetradecanoic acid, 8-methyl, trimethylsilyl ester

Inchi: InChI=1S/C18H38O2Si/c1-6-7-8-11-14-17(2)15-12-9-10-13-16-18(19)20-21(3,4)5/h17H,6
InchiKey: XJXAPBBVLDGQJR-UHFFFAOYSA-N
Formula: C18H38O2Si
SMILES: CCCCCC(C)CCCCCCC(=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	1888.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R166993&Units=SI>

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.cheméo.com/cid/97-354-2/Tetradecanoic-acid-8-methyl-trimethylsilyl-ester.pdf>

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