Dodecanoic acid, 11-methyl, trimethylsilyl ester

Inchi: InChI=1S/C16H34O2Si/c1-15(2)13-11-9-7-6-8-10-12-14-16(17)18-19(3,4)5/h15H,6-14H2

InchiKey: YZNQAUVBGPIRDP-UHFFFAOYSA-N

Formula: C16H34O2Si

SMILES: CC(C)CCCCCCCCCC(=O)O[Si](C)(C)C

Mol. weight [g/mol]: 286.53

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.19		Crippen Method
logp	5.531		Crippen Method
rinpol	1709.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R45461&Units=SI

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/20-031-4/Dodecanoic-acid-11-methyl-trimethylsilyl-ester.pdf

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