Dodecanoic acid, 6-methyl, trimethylsilyl ester

Inchi: InChI=1S/C16H34O2Si/c1-6-7-8-9-12-15(2)13-10-11-14-16(17)18-19(3,4)5/h15H,6-14H2
InchiKey: DHOQXLVOWVWULU-UHFFFAOYSA-N
Formula: C16H34O2Si
SMILES: CCCCCCC(C)CCCCC(=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	1689.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R166864&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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

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