

Dodecanoic acid, 4-methyl, trimethylsilyl ester

Inchi:	InChI=1S/C16H34O2Si/c1-6-7-8-9-10-11-12-15(2)13-14-16(17)18-19(3,4)5/h15H,6-14H2
InchiKey:	DPYNTVKGQYPNFD-UHFFFAOYSA-N
Formula:	C16H34O2Si
SMILES:	CCCCCCCC(C)CCC(=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	1697.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R166859&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
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

Latest version available from:

<https://www.chemeo.com/cid/28-090-1/Dodecanoic-acid-4-methyl-trimethylsilyl-ester.pdf>

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