

Tridecanoic acid, 8-methyl, trimethylsilyl ester

Inchi: InChI=1S/C17H36O2Si/c1-6-7-10-13-16(2)14-11-8-9-12-15-17(18)19-20(3,4)5/h16H,6-15H,17H,18H,19H,20H
InchiKey: IJWICISDEPSLQP-UHFFFAOYSA-N
Formula: C17H36O2Si
SMILES: CCCCCC(C)CCCCC(=O)O[Si](C)(C)C
Mol. weight [g/mol]: 300.55

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.61		Crippen Method
logp	5.921		Crippen Method
rinpol	1787.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R167030&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/33-621-5/Tridecanoic-acid-8-methyl-trimethylsilyl-ester.pdf>

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