

Dodecanoic acid, 2-hydroxy, methyl ester, TMS

Inchi: InChI=1S/C16H34O3Si/c1-6-7-8-9-10-11-12-13-14-15(16(17)18-2)19-20(3,4)5/h15H,6-14H,2H
InchiKey: PHPBKGTVQKCOSS-UHFFFAOYSA-N
Formula: C16H34O3Si
SMILES: CCCCCCCCCC(O[Si](C)(C)C)C(=O)OC
Mol. weight [g/mol]: 302.52

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.63		Crippen Method
logp	4.910		Crippen Method
rinpol	1728.00		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=R383712&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/17-283-9/Dodecanoic-acid-2-hydroxy-methyl-ester-TMS.pdf>

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