

Decanoic acid, 2-hydroxy, methyl ester, TMS

Inchi: InChI=1S/C14H30O3Si/c1-6-7-8-9-10-11-12-13(14(15)16-2)17-18(3,4)5/h13H,6-12H2,1-5H3
InchiKey: OPJOLRQPVHOBX-UHFFFAOYSA-N
Formula: C₁₄H₃₀O₃Si
SMILES: CCCCCCCC(O[Si](C)(C)C)C(=O)OC
Mol. weight [g/mol]: 274.47

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.80		Crippen Method
logp	4.130		Crippen Method
rinpol	1538.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R383707&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307I>

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/122-314-7/Decanoic-acid-2-hydroxy-methyl-ester-TMS.pdf>

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