

3-Hydroxycapric acid, mono-TBDMS

Inchi: InChI=1S/C16H34O3Si/c1-7-8-9-10-11-12-14(17)13-15(18)19-20(5,6)16(2,3)4/h14,17H,7
InchiKey: JOYUERVIGPNIEX-UHFFFAOYSA-N
Formula: C16H34O3Si
SMILES: CCCCCCCC(O)CC(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 302.52

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.81		Crippen Method
logp	4.646		Crippen Method
rinpol	1831.00		NIST Webbook
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Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R563438&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.chemeo.com/cid/60-214-7/3-Hydroxycapric-acid-mono-TBDMS.pdf>

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