

3-Hydroxycaprylic acid, bis-TBDMS

Inchi: InChI=1S/C20H44O3Si2/c1-12-13-14-15-17(22-24(8,9)19(2,3)4)16-18(21)23-25(10,11)20
InchiKey: QDFPUQHVASPHG-UHFFFAOYSA-N
Formula: C20H44O3Si2
SMILES: CCCCCC(CC(=O)O[Si](C)(C)C(C)(C)C)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 388.73

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.36		Crippen Method
logp	6.896		Crippen Method
rinpol	1899.00		NIST Webbook
rinpol	1899.00		NIST Webbook

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=R562668&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/36-164-0/3-Hydroxycaprylic-acid-bis-TBDMS.pdf>

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