3-Hydroxycapric acid, bis-TBDMS

Inchi: InChI=1S/C22H48O3Si2/c1-12-13-14-15-16-17-19(24-26(8,9)21(2,3)4)18-20(23)25-27(10
InchiKey: KJLBOKYTYBAFJY-UHFFFAOYSA-N
Formula: C22H48O3Si2
SMILES: CCCCCCCC(CC(=O)O[Si](C)(C)C(C)(C)C)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 416.79

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.20		Crippen Method
logp	7.676		Crippen Method
rinpol	2081.00		NIST Webbook
rinpol	2081.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R563423&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/49-089-0/3-Hydroxycapric-acid-bis-TBDMS.pdf
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