Dodecanoic acid, 3-hydroxy, TBDMS

Other names: 3-Hydroxylauric acid, bis-TBDMS
Inchi: InChI=1S/C24H52O3Si2/c1-12-13-14-15-16-17-18-19-21(26-28(8,9)23(2,3)4)20-22(25)27
InchiKey: IIRKOBDZIGWYHH-UHFFFAOYSA-N
Formula: C24H52O3Si2
SMILES: CCCCCCCCCC(CC(=O)O[Si](C)(C)C(C)(C)C)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 444.84

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.03		Crippen Method
logp	8.456		Crippen Method
rinpol	2272.00		NIST Webbook
rinpol	2272.00		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=R80871&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices