3-Hydroxylauric acid, mono-TBDMS

Inchi: InChI=1S/C18H38O3Si/c1-7-8-9-10-11-12-13-14-16(19)15-17(20)21-22(5,6)18(2,3)4/h16
InchiKey: WZPSLVZRQHKOGB-UHFFFAOYSA-N
Formula: C18H38O3Si
SMILES: CCCCCCCCCC(O)CC(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 330.58

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.65		Crippen Method
logp	5.426		Crippen Method
rinpol	2035.00		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=R563478&Units=SI

Legend

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