12-Hydroxystearic acid, mono-TBDMS

Inchi: InChI=1S/C24H50O3Si/c1-7-8-9-16-19-22(25)20-17-14-12-10-11-13-15-18-21-23(26)27-

InchiKey: ZOWLWMBNACRRHQ-UHFFFAOYSA-N

Formula: C24H50O3Si

SMILES: CCCCCCC(O)CCCCCCCCCCC(=O)O[Si](C)(C)C(C)(C)C

Mol. weight [g/mol]: 414.74

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.16		Crippen Method
logp	7.767		Crippen Method
rinpol	2678.00		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=R562866&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices