11-Hydroxy-heptadecanoic acid, methyl ester, tBDMS ether

Inchi: InChI=1S/C24H50O3Si/c1-8-9-10-16-19-22(27-28(6,7)24(2,3)4)20-17-14-12-11-13-15-18

InchiKey: KMXPTBPFBXFRSU-UHFFFAOYSA-N

Formula: C24H50O3Si

SMILES: CCCCCCC(CCCCCCCCCC(=O)OC)O[Si](C)(C)C(C)(C)C

Mol. weight [g/mol]: 414.74

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.98		Crippen Method
logp	8.031		Crippen Method
rinpol	2461.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R187252&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