Dodecanoic acid, 9,10-epoxy-12-hydroxy, methyl ester, OH-TMS

Inchi: InChI=1S/C16H32O4Si/c1-18-16(17)12-10-8-6-5-7-9-11-14-15(20-14)13-19-21(2,3)4/h14

InchiKey: VPTIWFTZSSFKGU-UHFFFAOYSA-N

Formula: C16H32O4Si

SMILES: COC(=O)CCCCCCCCC1OC1CO[Si](C)(C)C

Mol. weight [g/mol]: 316.51

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.73		Crippen Method
logp	3.899		Crippen Method
rinpol	2020.00		NIST Webbook
rinpol	2020.00		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=R554840&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices