10,12-Octadecadienoic acid, 9-hydroxy, TMS, methyl ester

Inchi: InChI=1S/C22H42O3Si/c1-6-7-8-9-10-12-15-18-21(25-26(3,4)5)19-16-13-11-14-17-20-22

InchiKey: BOHZEIJAHJPBDP-IZAPIVEJSA-N

Formula: C22H42O3Si

SMILES: CCCCCC=CC=CC(CCCCCCCC(=O)OC)O[Si](C)(C)C

Mol. weight [g/mol]: 382.65

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.85		Crippen Method
logp	6.803		Crippen Method
rinpol	2310.00		NIST Webbook
rinpol	2310.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R398719&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