Glycerol, 1-pentadecanoate-3-palmitate, 2-OTMS-

Inchi: InChI=1S/C37H74O5Si/c1-6-8-10-12-14-16-18-20-22-24-26-28-30-32-37(39)41-34-35(42

InchiKey: WIPSRFKATDYDMH-UHFFFAOYSA-N

Formula: C37H74O5Si

SMILES: CCCCCCCCCCCCCCCC(=O)OCC(COC(=O)CCCCCCCCCCCCCCC)O[Si](C)(C)C

Mol. weight [g/mol]: 627.07

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.29		Crippen Method
logp	11.865		Crippen Method
rinpol	3835.00		NIST Webbook
rinpol	3834.00		NIST Webbook
rinpol	3835.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R516957&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