

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

Inchi: InChI=1S/C36H72O5Si/c1-6-8-10-12-14-16-18-19-21-23-25-27-29-31-36(38)40-33-34(41)
InchiKey: MNBYTVQKYZQPFW-UHFFFAOYSA-N
Formula: C36H72O5Si
SMILES: CCCCCCCCCCCCCC(=O)OCC(COC(=O)CCCCCCCCCCCCC)O[Si](C)(C)C
Mol. weight [g/mol]: 613.04

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.87		Crippen Method
logp	11.475		Crippen Method
rinpol	3734.00		NIST Webbook
rinpol	3741.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R516942&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/54-339-6/Glycerol-1-myristate-3-palmitate-2-OTMS.pdf>

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