

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

Inchi: InChI=1S/C32H64O5Si/c1-6-8-10-12-14-16-17-19-21-23-25-27-32(34)36-29-30(37-38(3,4)39)40
InchiKey: SLNXZZXLUNFZEX-UHFFFAOYSA-N
Formula: C32H64O5Si
SMILES: CCCCCCCCCCCCCC(=O)OCC(COC(=O)CCCCCCCCCCC)O[Si](C)(C)C
Mol. weight [g/mol]: 556.93

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.19		Crippen Method
logp	9.915		Crippen Method
rinpol	3357.00		NIST Webbook
rinpol	3357.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R517103&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

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.cheméo.com/cid/94-740-6/Glycerol-1-laurate-3-myristate-2-OTMS.pdf>

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