

Glycerol, 1,2-dimyristate, 3-OTMS-

Inchi: InChI=1S/C34H68O5Si/c1-6-8-10-12-14-16-18-20-22-24-26-28-33(35)37-30-32(31-38-40)
InchiKey: CSIJCJCVJJRYIP-UHFFFAOYSA-N
Formula: C34H68O5Si
SMILES: CCCCCCCCCCCCCC(=O)OCC(CO[Si](C)(C)C)OC(=O)CCCCCCCCCCCCC
Mol. weight [g/mol]: 584.99

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.03		Crippen Method
logp	10.695		Crippen Method
rinpol	3516.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R516922&Units=SI>

Legend

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

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<https://www.cheméo.com/cid/98-896-0/Glycerol-1-2-dimyristate-3-OTMS.pdf>

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