

Glycerine-1,3-dimyristate, 2-O-trimethylsilyl-

Other names:	Glycerol, 1,3-dimyristate, 2-OTMS-
Inchi:	InChI=1S/C34H68O5Si/c1-6-8-10-12-14-16-18-20-22-24-26-28-33(35)37-30-32(39-40(3,
InchiKey:	JYDPHEXRABMFNF-UHFFFAOYSA-N
Formula:	C34H68O5Si
SMILES:	CCCCCCCCCCCCC(=O)OCC(COC(=O)CCCCCCCCCCCCC)O[Si](C)(C)C
Mol. weight [g/mol]:	584.99

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.03		Crippen Method
logp	10.695		Crippen Method
rinpol	3550.00		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=U155960&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/97-167-0/Glycerine-1-3-dimyristate-2-O-trimethylsilyl.pdf>

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