Glycerol, 1-C14, 2-ai-C15, TMS

Inchi:	InChI=1S/C35H70O5Si/c1-7-9-10-11-12-13-14-15-19-22-25-28-34(36)38-30-33(31-39-41
InchiKey:	CDMFBMARFXQION-UHFFFAOYSA-N
Formula:	C35H70O5Si
SMILES:	CCCCCCCCCCCCCC(=O)OCC(CO[Si](C)(C)C)OC(=O)CCCCCCCCCCC(C)CC
Mol. weight [g/mol]:	599.01

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.21		Crippen Method
logp	10.941		Crippen Method
rinpol	3412.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R398482&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/98-897-9/Glycerol-1-C14-2-ai-C15-TMS.pdf

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