

Glycerol, 1-(11,12)-cyclopropyl-C17, 2-ai-C15, TMS

Inchi: InChI=1S/C39H76O5Si/c1-7-9-21-27-35-31-36(35)28-23-18-14-12-16-19-24-29-38(40)42
InchiKey: MDUDUPUONRABCH-RXCSPFBQSA-N
Formula: C39H76O5Si
SMILES: CCCCCC1CC1CCCCCCCCC(=O)OCC(CO[Si](C)(C)C)OC(=O)CCCCCCCCCCC(C)C
Mol. weight [g/mol]: 653.10

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.29		Crippen Method
logp	11.967		Crippen Method
rinpol	3698.00		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=R398442&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/63-925-5/Glycerol-1-11-12-cyclopropyl-C17-2-ai-C15-TMS.pdf>

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