

Glycerol, 1-pentadecanoate-3-palmitate, 2-OTMS-

Inchi:	InChI=1S/C37H74O5Si/c1-6-8-10-12-14-16-18-20-22-24-26-28-30-32-37(39)41-34-35(42)
InchiKey:	WIPSRFKATDYDMH-UHFFFAOYSA-N
Formula:	C37H74O5Si
SMILES:	CCCCCCCCCCCCCCCC(=O)OCC(COC(=O)CCCCCCCCCCCCCCCC)O[Si](C)(C)C
Mol. weight [g/mol]:	627.07

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.29		Crippen Method
logp	11.865		Crippen Method
rinpol	3835.00		NIST Webbook
rinpol	3834.00		NIST Webbook
rinpol	3835.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R516957&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.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.chemeo.com/cid/73-479-0/Glycerol-1-pentadecanoate-3-palmitate-2-OTMS.pdf>

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