1,3-Dipalmitin trimethylsilyl ether

Other names:	Hexadecanoic acid, 2-[(trimethylsilyl)oxy]-1,3-propanediyl ester
	Glycerol, 1,3-dipalmitate, 2-O-TMS-
	1,3-Dipalmitoyl-2-trimethylsilyl-glycerol
	1,3-Dipalmitin, tms derivative
Inchi:	InChI=1S/C38H76O5Si/c1-6-8-10-12-14-16-18-20-22-24-26-28-30-32-37(39)41-34-36(43
InchiKey:	IBCWULXGIBVHLB-UHFFFAOYSA-N
Formula:	C38H76O5Si
SMILES:	CCCCCCCCCCCCCCCC(=O)OCC(COC(=O)CCCCCCCCCCCCCCC)O[Si](C)(C)C
Mol. weight [g/mol]:	641.09
CAS:	53212-95-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.70		Crippen Method
logp	12.255		Crippen Method
rinpol	3936.00		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=C53212956&Units=SI

Legend

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