Decanoic acid, 2-[(trimethylsilyl)oxy]-1-[[(trimethylsilyl)oxy]methy ester

Othernames:	Decanoic acid, 1,3-bis-(OTMS)-propyl ester
	1,3-bis-(OTMS)-«beta»-glyceryl caprinate
	Decanoic acid, 1,3-bis-(OTMS) propyl ester («beta»-glyceryl caprinate)
	2-Monocaprin, 2tms derivative
Inchi:	InChI=1S/C19H42O4Si2/c1-8-9-10-11-12-13-14-15-19(20)23-18(16-21-24(2,3)4)17-22-2
InchiKey:	STBQJQZMNVLJEL-UHFFFAOYSA-N
Formula:	C19H42O4Si2
SMILES:	CCCCCCCCCC(=O)OC(CO[Si](C)(C)C)CO[Si](C)(C)C
Mol. weight [g/mol]:	390.71
CAS:	55268-48-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.03		Crippen Method
logp	5.742		Crippen Method
rinpol	1999.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C55268489&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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

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