

16-hydroxy-10-oxohexadecanoic acid, methyl ester TMSi ether

Inchi:	InChI=1S/C20H40O4Si/c1-23-20(22)17-13-8-6-5-7-11-15-19(21)16-12-9-10-14-18-24-25
InchiKey:	DYTJOTHQRVJQRH-UHFFFAOYSA-N
Formula:	C20H40O4Si
SMILES:	COC(=O)CCCCCCCC(=O)CCCCCO[Si](C)(C)C
Mol. weight [g/mol]:	372.61

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.48		Crippen Method
logp	5.651		Crippen Method
rinpol	2425.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R423697&Units=SI

Legend

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

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