

Octadecanoic acid, 9,10,18-tris[(trimethylsilyl)oxy]-, methyl ester

Other names:	9,10,18-trihydroxyoctadecanoic acid, methyl ester TMSi ether
Inchi:	InChI=1S/C28H62O5Si3/c1-30-28(29)24-20-16-13-15-19-23-27(33-36(8,9)10)26(32-35(5
InchiKey:	AXYGYRFFYLDNRN-UHFFFAOYSA-N
Formula:	C28H62O5Si3
SMILES:	COC(=O)CCCCCCCC(O[Si](C)(C)C)C(CCCCCCO[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]:	563.05
CAS:	40707-76-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.04		Crippen Method
logp	8.912		Crippen Method
rinpol	2771.00		NIST Webbook
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Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C40707764&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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