

# 9-Octadecenoic acid, 18-(trimethylsiloxy)-, methyl ester

Other names:	18-hydroxyoctadec-9-enoic acid, methyl ester TMSi ether
Inchi:	InChI=1S/C22H44O3Si/c1-24-22(23)20-18-16-14-12-10-8-6-5-7-9-11-13-15-17-19-21-25
InchiKey:	XNRDVMVIWVYCDP-AATRIKPKSA-N
Formula:	C22H44O3Si
SMILES:	COC(=O)CCCCCCCC=CCCCCCCCO[Si](C)(C)C
Mol. weight [g/mol]:	384.67
CAS:	21987-17-7

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.89		Crippen Method
logp	7.029		Crippen Method
rinpol	2435.00		NIST Webbook

## Sources

Crippen Method:	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C21987177&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C21987177&amp;Units=SI</a>
Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>

## Legend

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

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