

# 11-trans-Octadecenoic acid, trimethylsilyl ester

Other names:	11-Octadecenoic acid, (e)-, tms derivative
Inchi:	InChI=1S/C21H42O2Si/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21(22)23-24(2,3)
InchiKey:	PHKOOHPBTBNZMG-ZHACJKMWSA-N
Formula:	C21H42O2Si
SMILES:	CCCCCCC=CCCCCCCCC(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	354.64

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.38		Crippen Method
logp	7.402		Crippen Method
rinpol	2223.30		NIST Webbook

## Sources

Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
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=U333560&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U333560&amp;Units=SI</a>

## Legend

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

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