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=CCCCCCCCCCC(=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: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U333560&Units=SI

Legend

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