11-cis-Octadecenoic acid, trimethylsilyl ester

Other names:	11-Octadecenoic acid, (z)-, 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-KHPPLWFESA-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	2227.10		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=U333602&Units=SI

Legend

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

Latest version available from:
https://www.chemeo.com/cid/54-740-0/11-cis-Octadecenoic-acid-trimethylsilyl-ester.pdf
Generated by Cheméo on 2024-10-12 05:44:44.080326973 +0000 UTC m=+3292746.717296231.
Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.