cis-11,14-Eicosadienoic acid, trimethylsilyl ester

Other names: 11,14-Eicosadienoic acid, (z)-, tms derivative

Inchi: InChI=1S/C23H44O2Si/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23(24)25

InchiKey: WQCJEAVYBWRPTL-UTJQPWESSA-N

Formula: C23H44O2Si

SMILES: CCCCCC=CCC=CCCCCCCCCCC(=O)O[Si](C)(C)C

Mol. weight [g/mol]: 380.68

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.07		Crippen Method
logp	7.958		Crippen Method
rinpol	2413.20		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U333620&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/54-767-1/cis-11-14-Eicosadienoic-acid-trimethylsilyl-ester.pdf

Generated by Cheméo on 2024-10-12 05:34:02.405153761 +0000 UTC m=+3292105.042123009.

Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.