

# 9,12,15-Octadecatrienoic acid, 2-[(trimethylsilyl)oxy]-1-[[trimethylsilyl]oxy]methyl ester, (Z,Z,Z)-

Other names: «beta»-Glyceryl linolenate, di-TMS

Inchi: InChI=1S/C27H52O4Si2/c1-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-27(28)31-2

InchiKey: JCKCKIGYQKMCHR-WYTUUNCASA-N

Formula: C27H52O4Si2

SMILES: CCC=CCC=CCC=CCCCCCCC(=O)OC(CO[Si](C)(C)C)CO[Si](C)(C)C

Mol. weight [g/mol]: 496.87

CAS: 55521-23-8

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.94		Crippen Method
logp	8.191		Crippen Method
rinpol	2786.00		NIST Webbook
rinpol	2786.00		NIST Webbook

## Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Crippen Method: [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C55521238&Units=SI>

## Legend

**log10ws:** Log10 of Water solubility in mol/l

**logp:** Octanol/Water partition coefficient

**rinpol:** Non-polar retention indices

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