7,7-Dimethyl-(5Z,8Z)-eicosadienoic acid, tert-butyldimethylsilyl ester

Inchi: InChI=1S/C28H54O2Si/c1-9-10-11-12-13-14-15-16-17-18-21-24-28(5,6)25-22-19-20-23-

InchiKey: OHLZAJVSKLQFMJ-NUJSLWOLSA-N

Formula: C28H54O2Si

SMILES: CCCCCCCCCCCC=CC(C)(C)C=CCCCC(=O)O[Si](C)(C)C(C)(C)C

Mol. weight [g/mol]: 450.81

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.92		Crippen Method
logp	9.765		Crippen Method
rinpol	2708.10		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=U333538&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices