

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: CCCCCCCCCC=CC(C)(C)C=CCCC(=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/ci9903071>
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

Latest version available from:

<https://www.chemeo.com/cid/11-551-7/7-7-Dimethyl-5Z-8Z-eicosadienoic-acid-tert-butyldimethylsilyl-ester.pdf>

Generated by Cheméo on 2024-04-29 16:52:02.306481917 +0000 UTC m=+16698771.227059239.

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