cis-11-Eicosenoic acid, tert-butyldimethylsilyl ester

Other names: 11-Eicosenoic acid, (z)-, tbdms derivative
Inchi: InChI=1S/C26H52O2Si/c1-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25(27)
InchiKey: YYVUADHNPRFOCW-PFONDFGASA-N
Formula: C26H52O2Si
SMILES: CCCCCCCCC=CCCCCCCCCCC(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 424.78

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.47		Crippen Method
logp	9.353		Crippen Method
rinpol	2671.70		NIST Webbook
rinpol	2671.70		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=U333642&Units=SI

Legend

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