Pentanoic acid, 3,5-bis[(tert-butyldimethylsilyl)oxy]-3-methyl-, tert-butyldimethylsilyl ester

Other names: Mevalonic acid, tri TBDMS

Inchi: InChI=1S/C24H54O4Si3/c1-21(2,3)29(11,12)26-18-17-24(10,28-31(15,16)23(7,8)9)19-20

InchiKey: NIHKOZDFLYTIJH-UHFFFAOYSA-N

Formula: C24H54O4Si3

SMILES: CC(CCO[Si](C)(C)C(C)(C)C)(CC(=O)O[Si](C)(C)C(C)(C)C)O[Si](C)(C)C(C)(C)C

Mol. weight [g/mol]: 490.94

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.17		Crippen Method
logp	8.117		Crippen Method
rinpol	2209.00		NIST Webbook
rinpol	2209.00		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=U221760&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices