(R)-(+)-Citronellic acid, tert-butyldimethylsilyl ester

Other names: (R)-(+)-citronellic acid, tbdms derivative
Inchi: InChI=1S/C16H32O2Si/c1-13(2)10-9-11-14(3)12-15(17)18-19(7,8)16(4,5)6/h10,14H,9,11
InchiKey: PAYDULIHYPMYID-UHFFFAOYSA-N
Formula: C16H32O2Si
SMILES: CC(C)=CCCC(C)CC(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 284.51

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.05		Crippen Method
logp	5.307		Crippen Method
rinpol	1607.00		NIST Webbook
rinpol	1607.00		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=U333592&Units=SI

Legend

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