L-Pipecolic acid, N-(tert-butyldimethylsilyl)-, tert-butyldimethylsilyl ester

Other names: tert-Butyl(dimethyl)silyl 1-[tert-butyl(dimethyl)silyl]piperidine-2-carboxylate
L-pipecolic acid, 2tbdms derivative

Inchi: InChI=1S/C18H39NO2Si2/c1-17(2,3)22(7,8)19-14-12-11-13-15(19)16(20)21-23(9,10)18(

InchiKey: NHMPZNBKRISLJT-UHFFFAOYSA-N

Formula: C18H39NO2Si2

SMILES: CC(C)(C)[Si](C)(C)OC(=O)C1CCCCN1[Si](C)(C)C(C)(C)C

Mol. weight [g/mol]: 357.68

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.90		Crippen Method
logp	5.395		Crippen Method
rinpol	1845.80		NIST Webbook
rinpol	1845.80		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=U333131&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices