Tiglyglycine TBDMS

Inchi: InChI=1S/C19H39NO3Si2/c1-13-15(2)17(23-25(11,12)19(6,7)8)20-14-16(21)22-24(9,10)18(3,4)5/h13H,14H2,1-12H3,(H,20,21)/b15-13+

InchiKey: FOICJLOZACSERF-ZKSHXGKMSA-N

Formula: C19H39NO3Si2

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

Mol. weight [g/mol]: 385.69

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.34		Crippen Method
logp	5.921		Crippen Method
rinpol	1812.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R277320&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices