Glycine, N-[1-[(tert-butyldimethylsilyl)oxy]propylidene]-, tert-butyldimethylsilyl ester

Other names: Propionylglycine diTBDMS

Inchi: InChI=1S/C17H37NO3Si2/c1-12-14(20-22(8,9)16(2,3)4)18-13-15(19)21-23(10,11)17(5,6)

InchiKey: RODDXQZDWISKRQ-UHFFFAOYSA-N

Formula: C17H37NO3Si2

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

Mol. weight [g/mol]: 359.65

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.65		Crippen Method
logp	5.365		Crippen Method
rinpol	1823.00		NIST Webbook

Sources

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U221759&Units=SI

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

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices