Glycine, N-(1-oxopropyl)-, tert-butyldimethylsilyl ester

Other names: Propionylglycine mono-TBDMS
Inchi: InChI=1S/C11H23NO3Si/c1-7-9(13)12-8-10(14)15-16(5,6)11(2,3)4/h7-8H2,1-6H3,(H,12,1
InchiKey: CJPMSGHNGUGNGE-UHFFFAOYSA-N
Formula: C11H23NO3Si
SMILES: CCC(=O)NCC(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 245.39

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.31		Crippen Method
logp	2.061		Crippen Method
rinpol	1592.00		NIST Webbook
rinpol	1592.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U221758&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