

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,12,13)
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/ci9903071

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/116-265-9/Glycine-N-1-oxopropyl-tert-butyldimethylsilyl-ester.pdf>

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