

Glycine, N-(2-methyl-1-oxo-2-propenyl)-N-(trimethylsilyl)-, trimethylsilyl ester

Other names:

Methacryloyl glycine di-TMS

Inchi: InChI=1S/C12H25NO3Si2/c1-10(2)12(15)13(17(3,4)5)9-11(14)16-18(6,7)8/h1,9H2,2-8H3

InchiKey: YKMHQCM EUPA OBM-UHFFFAOYSA-N

Formula: C12H25NO3Si2

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

Mol. weight [g/mol]: 287.50

CAS: 55557-27-2

Physical Properties

Property code	Value	Unit	Source
log10ws	1.99		Crippen Method
logp	2.604		Crippen Method
rinpol	1442.00		NIST Webbook
rinpol	1442.00		NIST Webbook
rinpol	1442.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C55557272&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

Latest version available from:

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