

Glycine, N-(3-butenoyl), mono-TMS

Other names:	Vinylacetylglycine, TMS
Inchi:	InChI=1S/C9H17NO3Si/c1-5-6-8(11)10-7-9(12)13-14(2,3)4/h5H,1,6-7H2,2-4H3,(H,10,11)
InchiKey:	BNLYRMQWZYXTMY-UHFFFAOYSA-N
Formula:	C9H17NO3Si
SMILES:	C=CCC(=O)NCC(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	215.32

Physical Properties

Property code	Value	Unit	Source
log10ws	0.68		Crippen Method
logp	1.057		Crippen Method
rinpola	1402.00		NIST Webbook
rinpola	1402.00		NIST Webbook
rinpola	1402.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R113038&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
rinpola:	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/45-138-9/Glycine-N-3-butenoyl-mono-TMS.pdf>

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