

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

Other names:	N-methacryloylglycine, tms derivative
Inchi:	InChI=1S/C9H17NO3Si/c1-7(2)9(12)10-6-8(11)13-14(3,4)5/h1,6H2,2-5H3,(H,10,12)
InchiKey:	RDRGQWUCWBAIAJ-UHFFFAOYSA-N
Formula:	C9H17NO3Si
SMILES:	C=C(C)C(=O)NCC(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	215.32
CAS:	55836-40-3

Physical Properties

Property code	Value	Unit	Source
log10ws	0.68		Crippen Method
logp	1.057		Crippen Method
rinpola	1388.00		NIST Webbook
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Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C55836403&Units=SI

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/39-653-4/Glycine-N-2-methyl-1-oxo-2-propenyl-trimethylsilyl-ester.pdf>

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