

Glycine, N-(trimethylsilyl)-, methyl ester

Other names:	Methyl aminoacetate, tms derivative
Inchi:	InChI=1S/C6H15NO2Si/c1-9-6(8)5-7-10(2,3)4/h7H,5H2,1-4H3
InchiKey:	IXVIBJMDQXQASU-UHFFFAOYSA-N
Formula:	C6H15NO2Si
SMILES:	COC(=O)CN[Si](C)(C)C
Mol. weight [g/mol]:	161.27
CAS:	25688-72-6

Physical Properties

Property code	Value	Unit	Source
log10ws	1.56		Crippen Method
logp	0.584		Crippen Method
rinpol	971.00		NIST Webbook
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Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C25688726&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

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/122-321-9/Glycine-N-trimethylsilyl-methyl-ester.pdf>

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