

Glycine, N,N-bis(trimethylsilyl)-, methyl ester

Other names:	Glycine methyl ester, N,N-bis(trimethylsilyl)- Methyl aminoacetate, 2tms derivative
Inchi:	InChI=1S/C9H23NO2Si2/c1-12-9(11)8-10(13(2,3)4)14(5,6)7/h8H2,1-7H3
InchiKey:	FLYRAEMEJPRAME-UHFFFAOYSA-N
Formula:	C9H23NO2Si2
SMILES:	COC(=O)CN([Si](C)(C)C)[Si](C)(C)C
Mol. weight [g/mol]:	233.46
CAS:	25688-73-7

Physical Properties

Property code	Value	Unit	Source
log10ws	2.88		Crippen Method
logp	2.131		Crippen Method
rinpol	1177.90		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C25688737&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/22-286-0/Glycine-N-N-bis-trimethylsilyl-methyl-ester.pdf>

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