

Glycine, trimethylsilyl ester

Other names:	Glycine, tms derivative
Inchi:	InChI=1S/C5H13NO2Si/c1-9(2,3)8-5(7)4-6/h4,6H2,1-3H3
InchiKey:	PYEWXFVCJUWAPS-UHFFFAOYSA-N
Formula:	C5H13NO2Si
SMILES:	C[Si](C)(C)OC(=O)CN
Mol. weight [g/mol]:	147.25
CAS:	5269-37-4

Physical Properties

Property code	Value	Unit	Source
log10ws	1.74		Crippen Method
logp	0.323		Crippen Method
rinpola	918.80		NIST Webbook
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Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C5269374&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

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/98-450-4/Glycine-trimethylsilyl-ester.pdf>

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