

# Glycine, N-(trimethylsilyl)-, trimethylsilyl ester

<b>Other names:</b>	N,O-Di-(trimethylsilyl)glycine Trimethylsilyl [(trimethylsilyl)amino]acetate Glycine, di-TMS Glycine, N,O-TMS Glycine, bis-TMS Gly, N,O-bis-TMS Glycine, TMS Glycine, 2tms derivative
<b>Inchi:</b>	InChI=1S/C8H21NO2Si2/c1-12(2,3)9-7-8(10)11-13(4,5)6/h9H,7H2,1-6H3
<b>InchiKey:</b>	SPAJELCPLFYXLX-UHFFFAOYSA-N
<b>Formula:</b>	C8H21NO2Si2
<b>SMILES:</b>	C[Si](C)(C)NCC(=O)O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	219.43
<b>CAS:</b>	7364-42-3

## Physical Properties

Property code	Value	Unit	Source
log10ws	2.68		Crippen Method
logp	1.789		Crippen Method
rinpol	1105.00		NIST Webbook
rinpol	1105.00		NIST Webbook
rinpol	1098.00		NIST Webbook
rinpol	1149.00		NIST Webbook
rinpol	1105.00		NIST Webbook
rinpol	1149.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C7364423&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C7364423&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>

# Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

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