

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

<b>Other names:</b>	Trimethylsilyl [(trifluoroacetyl)amino]acetate N-(trifluoroacetyl)glycine, tms derivative
<b>Inchi:</b>	InChI=1S/C7H12F3NO3Si/c1-15(2,3)14-5(12)4-11-6(13)7(8,9)10/h4H2,1-3H3,(H,11,13)
<b>InchiKey:</b>	VGDOBWZWJSBQHL-UHFFFAOYSA-N
<b>Formula:</b>	C7H12F3NO3Si
<b>SMILES:</b>	C[Si](C)(C)OC(=O)CNC(=O)C(F)(F)F
<b>Mol. weight [g/mol]:</b>	243.26
<b>CAS:</b>	52558-79-9

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.71		Crippen Method
logp	1.043		Crippen Method
rinpol	1098.20		NIST Webbook

## Sources

<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>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C52558799&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C52558799&amp;Units=SI</a>

## Legend

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

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