

# Glycine, N-(2-furanylcarbonyl)-N-(trimethylsilyl)-, trimethylsilyl ester

Other names:	Bis(trimethylsilyl)furoylglycine N-Furoylglycine, di(trimethylsilyl)- 2-Furoylglycine, di-TMS Furoylglycine, 2tms derivative
Inchi:	InChI=1S/C13H23NO4Si2/c1-19(2,3)14(10-12(15)18-20(4,5)6)13(16)11-8-7-9-17-11/h7-9
InchiKey:	BAEOHXKZYKUEOU-UHFFFAOYSA-N
Formula:	C13H23NO4Si2
SMILES:	<chem>C[Si](C)(C)OC(=O)CN(C(=O)c1ccco1)[Si](C)(C)C</chem>
Mol. weight [g/mol]:	313.50
CAS:	55556-83-7

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.83		Crippen Method
logp	2.935		Crippen Method
rinpol	1652.00		NIST Webbook
rinpol	1664.00		NIST Webbook
rinpol	1647.00		NIST Webbook
rinpol	1647.00		NIST Webbook
rinpol	1647.00		NIST Webbook
rinpol	1652.00		NIST Webbook

## Sources

Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
Crippen Method:	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C55556837&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C55556837&amp;Units=SI</a>

## Legend

log10ws: Log10 of Water solubility in mol/l

**logp:** Octanol/Water partition coefficient

**rinpol:** Non-polar retention indices

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