

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

Other names:	Aceturic acid, 2tms derivative
Inchi:	InChI=1S/C10H23NO3Si2/c1-9(12)11(15(2,3)4)8-10(13)14-16(5,6)7/h8H2,1-7H3
InchiKey:	VVWQARJVXPYDHM-UHFFFAOYSA-N
Formula:	C10H23NO3Si2
SMILES:	CC(=O)N(CC(=O)O[Si](C)(C)C)[Si](C)(C)C
Mol. weight [g/mol]:	261.47
CAS:	55124-99-7

Physical Properties

Property code	Value	Unit	Source
log10ws	2.68		Crippen Method
logp	2.048		Crippen Method
rinpol	1357.00		NIST Webbook
rinpol	1357.00		NIST Webbook
rinpol	1357.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C55124997&Units=SI

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/31-041-1/Glycine-N-acetyl-N-trimethylsilyl-trimethylsilyl-ester.pdf>

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