

# Methyl acetyl glycine, TMS # 1

**Inchi:** InChI=1S/C8H17NO3Si/c1-7(10)9(2)6-8(11)12-13(3,4)5/h6H2,1-5H3  
**InchiKey:** CRPXWVABXOTMPJ-UHFFFAOYSA-N  
**Formula:** C8H17NO3Si  
**SMILES:** CC(=O)N(C)CC(=O)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 203.31

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.57		Crippen Method
logp	0.843		Crippen Method
rinpol	1394.00		NIST Webbook
rinpol	1394.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R401157&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/115-831-1/Methyl-acetyl-glycine-TMS-1.pdf>

Generated by Cheméo on 2025-12-25 22:25:53.685247832 +0000 UTC m=+6449751.215288486.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.