

# Glutamic acid, MTH-TMS

**Inchi:** InChI=1S/C13H26N2O3SSi2/c1-15-12(18-21(5,6)7)10(14-13(15)19)8-9-11(16)17-20(2,3)  
**InchiKey:** PBJYUFSUPVRWSO-UHFFFAOYSA-N  
**Formula:** C13H26N2O3SSi2  
**SMILES:** Cn1c(O[Si](C)(C)C)c(CCC(=O)O[Si](C)(C)C)[nH]c1=S  
**Mol. weight [g/mol]:** 346.59

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.23		Crippen Method
logp	3.125		Crippen Method
rinpol	2016.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R525416&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)

## Legend

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

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