

# Glutamine, ethoxycarbonylated, TBDMS

**Inchi:** InChI=1S/C14H28N2O5Si/c1-7-20-13(19)16-10(8-9-11(15)17)12(18)21-22(5,6)14(2,3)4/H  
**InchiKey:** ALGHIJNADABNIM-UHFFFAOYSA-N  
**Formula:** C14H28N2O5Si  
**SMILES:** CCOC(=O)NC(CCC(N)=O)C(=O)O[Si](C)(C)C(C)(C)C  
**Mol. weight [g/mol]:** 332.47

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.95		Crippen Method
logp	1.915		Crippen Method
rinpol	2441.00		NIST Webbook
rinpol	2441.00		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=R564322&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/49-978-3/Glutamine-ethoxycarbonylated-TBDMS.pdf>

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