

# Glycyl-L-tryptophan

**Other names:**

L-Tryptophan, N-glycyl-Tryptophan, N-glycyl-, l-Glycyltryptophan  
l-Glycyltryptophan  
N-Glycyl-l-tryptophan  
N-Glycyltryptophan  
N«alpha»-Glycyl-l-tryptophan  
Tryptophan, N-(aminomethylcarbonyl)-  
N-(Aminoacetyl)tryptophan, (L)-  
L-Tryptophan, glycyl-«alpha»-glycyltryptophan

**Inchi:**

InChI=1S/C13H15N3O3/c14-6-12(17)16-11(13(18)19)5-8-7-15-10-4-2-1-3-9(8)10/h1-4,7,

**InchiKey:**

AJHCSUXXECOXY-LLVKDONJSA-N

**Formula:**

C13H15N2O3

**SMILES:**

NCC(=O)NC(Cc1c[nH]c2ccccc12)C(=O)O

**Mol. weight [g/mol]:**

247.27

**CAS:**

2390-74-1

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.16		Crippen Method
logp	-0.243		Crippen Method
mcvol	194.060	ml/mol	McGowan Method

## 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)

**McGowan Method:**

<http://link.springer.com/article/10.1007/BF02311772>

**NIST Webbook:**

<http://webbook.nist.gov/cgi/cbook.cgi?ID=C2390741&Units=SI>

# Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>mcvol:</b>	McGowan's characteristic volume

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