

# Glycyl-L-proline

<b>Other names:</b>	L-Proline, 1-glycyl-Glycylproline N-Glycyl-L-proline Proline, 1-glycyl-, L-gly-pro
<b>Inchi:</b>	InChI=1S/C7H12N2O3/c8-4-6(10)9-3-1-2-5(9)7(11)12/h5H,1-4,8H2,(H,11,12)
<b>InchiKey:</b>	KZLNQNBZMBZJQJO-UHFFFAOYSA-N
<b>Formula:</b>	C7H12N2O3
<b>SMILES:</b>	NCC(=O)N1CCCC1C(=O)O
<b>Mol. weight [g/mol]:</b>	172.18
<b>CAS:</b>	704-15-4

## Physical Properties

Property code	Value	Unit	Source
basg	905.60	kJ/mol	NIST Webbook
basg	906.40 ± 4.70	kJ/mol	NIST Webbook
log10ws	0.36		Crippen Method
logp	-0.979		Crippen Method
mvol	127.600	ml/mol	McGowan Method

## Sources

<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C704154&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C704154&amp;Units=SI</a>

## Legend

<b>basg:</b>	Gas basicity
<b>log10ws:</b>	Log10 of Water solubility in mol/l

**logp:** Octanol/Water partition coefficient

**mcvol:** McGowan's characteristic volume

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