

# Levetiracetam

<b>Other names:</b>	(S)-2-(2-oxopyrrolidin-1-yl)butanamide 1-Pyrrolidineacetamide, «alpha»-ethyl-2-oxo-, («alpha»S)- 1-Pyrrolidineacetamide 1-Pyrrolidineacetamide, alpha-ethyl-2-oxo-,(alphaS)-
<b>Inchi:</b>	InChI=1S/C8H14N2O2/c1-2-6(8(9)12)10-5-3-4-7(10)11/h6H,2-5H2,1H3,(H2,9,12)
<b>InchiKey:</b>	HPHUVLMMVZITSG-UHFFFAOYSA-N
<b>Formula:</b>	C8H14N2O2
<b>SMILES:</b>	CCC(C(N)=O)N1CCCC1=O
<b>Mol. weight [g/mol]:</b>	170.21
<b>CAS:</b>	102767-28-2

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.73		Crippen Method
logp	-0.127		Crippen Method
mcvol	135.820	ml/mol	McGowan Method
rinpol	1583.80		NIST Webbook
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## 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=C102767282&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C102767282&amp;Units=SI</a>

## 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

**rinpol:** Non-polar retention indices

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