

# L-Norleucine

<b>Other names:</b>	Norleucine, L- «alpha»-Aminocaproic acid Caprine Glycoleucine Hexanoic acid, 2-amino-, (S)- L-(+)-Norleucine Norleucine 2-Aminocaproic acid 2-Aminohexanoic acid n-C <sub>4</sub> H <sub>9</sub> CH(NH <sub>2</sub> )COOH (S)-2-Aminohexanoic acid (S)-Norleucine NSC 10378
<b>Inchi:</b>	InChI=1S/C6H13NO2/c1-2-3-4-5(7)6(8)9/h5H,2-4,7H2,1H3,(H,8,9)/t5-/m1/s1
<b>InchiKey:</b>	LRQKBLKVPFOOQJ-RXMQYKEDSA-N
<b>Formula:</b>	C <sub>6</sub> H <sub>13</sub> NO <sub>2</sub>
<b>SMILES:</b>	CCCCC([NH3+])C(=O)[O-]
<b>Mol. weight [g/mol]:</b>	131.17
<b>CAS:</b>	327-57-1

## Physical Properties

Property code	Value	Unit	Source
ie	8.52	eV	NIST Webbook
ie	9.09 ± 0.11	eV	NIST Webbook
log10ws	-0.71		Crippen Method
logp	-1.463		Crippen Method
mcvol	112.820	ml/mol	McGowan Method

## Sources

<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=C327571&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C327571&amp;Units=SI</a>
<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>

# Legend

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

Latest version available from:

<https://www.cheméo.com/cid/18-215-3/L-Norleucine.pdf>

Generated by Cheméo on 2024-04-25 07:54:40.641299625 +0000 UTC m=+16320929.561876940.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.