

Leucine, n-amino-

Inchi:	InChI=1S/C6H14N2O2/c1-4(2)3-5(8-7)6(9)10/h4-5,8H,3,7H2,1-2H3,(H,9,10)
InchiKey:	KGMROVDTWHJSIM-UHFFFAOYSA-N
Formula:	C6H14N2O2
SMILES:	CC(C)CC(N[NH3+])C(=O)[O-]
Mol. weight [g/mol]:	146.19
CAS:	89937-51-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.65		Crippen Method
logp	-2.103		Crippen Method
mcvol	122.800	ml/mol	McGowan Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I
Crippen Method:	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=C89937519&Units=SI

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/113-998-9/Leucine-n-amino.pdf>

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