

# N-(2'-Methylbutyl)pyrrolidine

**Other names:** N-(2-Methylbutyl)pyrrolidine  
**Inchi:** InChI=1S/C9H19N/c1-3-9(2)8-10-6-4-5-7-10/h9H,3-8H2,1-2H3  
**InchiKey:** GBAJVBMOIARZCQ-UHFFFAOYSA-N  
**Formula:** C9H19N  
**SMILES:** CCC(C)CN1CCCC1  
**Mol. weight [g/mol]:** 141.25

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.81		Crippen Method
logp	2.128		Crippen Method
mcvol	136.790	ml/mol	McGowan Method
ripol	1093.00		NIST Webbook
ripol	1093.00		NIST Webbook
ripol	1093.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**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=R342637&Units=SI>

## Legend

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

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