

# Methanimine, 1-(1-piperidiny), N-butyl

**Inchi:** InChI=1S/C10H20N2/c1-2-3-7-11-10-12-8-5-4-6-9-12/h10H,2-9H2,1H3  
**InchiKey:** XQCYGRJXJJVPE-UHFFFAOYSA-N  
**Formula:** C10H20N2  
**SMILES:** CCCCN=CN1CCCCC1  
**Mol. weight [g/mol]:** 168.28

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.13		Crippen Method
logp	2.301		Crippen Method
mcvol	156.560	ml/mol	McGowan Method
rinpol	1378.00		NIST Webbook
rinpol	1378.00		NIST Webbook

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R118835&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**mcvol:** McGowan's characteristic volume  
**rinpol:** Non-polar retention indices

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