

# Piperidine, 1-hexyl-4-methyl

**Inchi:** InChI=1S/C12H25N/c1-3-4-5-6-9-13-10-7-12(2)8-11-13/h12H,3-11H2,1-2H3  
**InchiKey:** JFTNESUGLJGDJP-UHFFFAOYSA-N  
**Formula:** C12H25N  
**SMILES:** CCCCCCN1CCC(C)CC1  
**Mol. weight [g/mol]:** 183.33

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.07		Crippen Method
logp	3.299		Crippen Method
mcvol	179.060	ml/mol	McGowan Method
rinpol	1276.00		NIST Webbook
rinpol	1276.00		NIST Webbook
ripol	1382.00		NIST Webbook
ripol	1382.00		NIST Webbook

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R222107&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.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  
**ripol:** Polar retention indices

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