

# Piperidine, 1-hexyl-2-methyl

**Inchi:** InChI=1S/C12H25N/c1-3-4-5-7-10-13-11-8-6-9-12(13)2/h12H,3-11H2,1-2H3  
**InchiKey:** LBDNSUXZKXGGLN-UHFFFAOYSA-N  
**Formula:** C12H25N  
**SMILES:** CCCCCCN1CCCCC1C  
**Mol. weight [g/mol]:** 183.33

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.42		Crippen Method
logp	3.441		Crippen Method
mcvol	179.060	ml/mol	McGowan Method
rinpol	1287.00		NIST Webbook
rinpol	1287.00		NIST Webbook
ripol	1400.00		NIST Webbook

## Sources

**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)  
**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R222083&Units=SI>

## 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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