

# 2-(5-methyl-2-furyl)-3-hydroxy-piperidine

**Inchi:** InChI=1S/C10H15NO2/c1-7-4-5-9(13-7)10-8(12)3-2-6-11-10/h4-5,8,10-12H,2-3,6H2,1H3  
**InchiKey:** KHCYBVSLKKTRRJ-UHFFFAOYSA-N  
**Formula:** C10H15NO2  
**SMILES:** Cc1ccc(C2NCCCC2O)o1  
**Mol. weight [g/mol]:** 181.23

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.66		Crippen Method
logp	1.373		Crippen Method
mcvol	143.160	ml/mol	McGowan Method
ripol	2169.00		NIST Webbook
ripol	2242.00		NIST Webbook
ripol	2169.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R315234&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307I>  
**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>

## 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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