

# Pyridine, 2-methyl-5-(1-methylethyl)

**Inchi:** InChI=1S/C9H13N/c1-7(2)9-5-4-8(3)10-6-9/h4-7H,1-3H3  
**InchiKey:** WXASMDVSGYHPAH-UHFFFAOYSA-N  
**Formula:** C9H13N  
**SMILES:** Cc1ccc(C(C)C)cn1  
**Mol. weight [g/mol]:** 135.21

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.90		Crippen Method
logp	2.513		Crippen Method
mcvol	123.890	ml/mol	McGowan Method
rinpol	1116.00		NIST Webbook
rinpol	1116.00		NIST Webbook
ripol	1610.00		NIST Webbook
ripol	1610.00		NIST Webbook

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R70482&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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