

# Pyridine, 3-(4-methylpentyl)

**Inchi:** InChI=1S/C11H17N/c1-10(2)5-3-6-11-7-4-8-12-9-11/h4,7-10H,3,5-6H2,1-2H3  
**InchiKey:** PURGSRBQHMOXSO-UHFFFAOYSA-N  
**Formula:** C11H17N  
**SMILES:** CC(C)CCCc1cccnc1  
**Mol. weight [g/mol]:** 163.26

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.47		Crippen Method
logp	3.060		Crippen Method
mcvol	152.070	ml/mol	McGowan Method
rinpol	1303.00		NIST Webbook
ripol	1759.00		NIST Webbook

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R70503&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**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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