

# Pyridine, 2-chloro-6-(4-methylphenyl)-

**Inchi:** InChI=1S/C12H10ClN/c1-9-5-7-10(8-6-9)11-3-2-4-12(13)14-11/h2-8H,1H3  
**InchiKey:** OFVVJRNJCTZGJC-UHFFFAOYSA-N  
**Formula:** C12H10ClN  
**SMILES:** Cc1ccc(-c2cccc(Cl)n2)cc1  
**Mol. weight [g/mol]:** 203.67

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.00		Crippen Method
logp	3.710		Crippen Method
mcvol	154.640	ml/mol	McGowan Method
rinpol	1877.00		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=U380551&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

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