

# Pyridine, 3,4,5-trimethyl-

**Other names:** 3,4,5-trimethylpyridine  
**Inchi:** InChI=1S/C8H11N/c1-6-4-9-5-7(2)8(6)3/h4-5H,1-3H3  
**InchiKey:** VCMUWBCBVPWJPS-UHFFFAOYSA-N  
**Formula:** C8H11N  
**SMILES:** Cc1cncc(C)c1C  
**Mol. weight [g/mol]:** 121.18  
**CAS:** 20579-43-5

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.66		Crippen Method
logp	2.007		Crippen Method
mcvol	109.800	ml/mol	McGowan Method
rinpol	1164.00		NIST Webbook
rinpol	1164.00		NIST Webbook

## Sources

**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)  
**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C20579435&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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