

# 5-Methylimidazo(1,2-a)pyridine

**Inchi:** InChI=1S/C8H8N2/c1-7-3-2-4-8-9-5-6-10(7)8/h2-6H,1H3  
**InchiKey:** YFSMYPDRRLSNTH-UHFFFAOYSA-N  
**Formula:** C8H8N2  
**SMILES:** Cc1cccc2nccn12  
**Mol. weight [g/mol]:** 132.16  
**CAS:** 933-69-7

## Physical Properties

Property code	Value	Unit	Source
affp	987.40	kJ/mol	NIST Webbook
basg	955.40	kJ/mol	NIST Webbook
log10ws	-2.67		Crippen Method
logp	1.643		Crippen Method
mcvol	104.620	ml/mol	McGowan Method

## 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=C933697&Units=SI>

## Legend

**affp:** Proton affinity  
**basg:** Gas basicity  
**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**mcvol:** McGowan's characteristic volume

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