

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

**Inchi:** InChI=1S/C8H8N2/c1-7-6-10-5-3-2-4-8(10)9-7/h2-6H,1H3  
**InchiKey:** BZACBBRLMWHCNM-UHFFFAOYSA-N  
**Formula:** C8H8N2  
**SMILES:** Cc1cn2ccccc2n1  
**Mol. weight [g/mol]:** 132.16  
**CAS:** 934-37-2

## Physical Properties

Property code	Value	Unit	Source
affp	990.90	kJ/mol	NIST Webbook
basg	959.00	kJ/mol	NIST Webbook
log10ws	-2.67		Crippen Method
logp	1.643		Crippen Method
mcvol	104.620	ml/mol	McGowan Method

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C934372&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

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

Latest version available from:

<https://www.cheméo.com/cid/39-610-1/2-Methylimidazo-1-2-a-pyridine.pdf>

Generated by Cheméo on 2024-04-19 02:06:23.989444868 +0000 UTC m=+15781632.910022178.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.