

# 2,7-Dimethylimidazo(1,2-a)pyridine

**Inchi:** InChI=1S/C9H10N2/c1-7-3-4-11-6-8(2)10-9(11)5-7/h3-6H,1-2H3  
**InchiKey:** GYCGFNVPVXKJNTL-UHFFFAOYSA-N  
**Formula:** C9H10N2  
**SMILES:** Cc1ccn2cc(C)nc2c1  
**Mol. weight [g/mol]:** 146.19  
**CAS:** 3268-61-9

## Physical Properties

Property code	Value	Unit	Source
affp	1000.50	kJ/mol	NIST Webbook
basg	968.60	kJ/mol	NIST Webbook
log10ws	-3.15		Crippen Method
logp	1.951		Crippen Method
mcvol	118.710	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=C3268619&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

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