

# 1H-Imidazole, 1-ethyl-5-methyl

**Inchi:** InChI=1S/C6H10N2/c1-3-8-5-7-4-6(8)2/h4-5H,3H2,1-2H3  
**InchiKey:** IYEDUTIYEAAFPU-UHFFFAOYSA-N  
**Formula:** C6H10N2  
**SMILES:** CCn1cncc1C  
**Mol. weight [g/mol]:** 110.16

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.97		Crippen Method
logp	1.211		Crippen Method
mcvol	95.900	ml/mol	McGowan Method
rinpol	1118.00		NIST Webbook
ripol	1846.00		NIST Webbook
ripol	1846.00		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=R68320&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  
**ripol:** Polar retention indices

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