

# 1-Methylpyrazol-3-amine

**Other names:** 1-methyl-3-aminopyrazole  
**Inchi:** InChI=1S/C4H7N3/c1-7-3-2-4(5)6-7/h2-3H,1H3,(H2,5,6)  
**InchiKey:** MOGQNVSKBCVIPW-UHFFFAOYSA-N  
**Formula:** C4H7N3  
**SMILES:** Cn1ccc(N)n1  
**Mol. weight [g/mol]:** 97.12  
**CAS:** 1904-31-0

## Physical Properties

Property code	Value	Unit	Source
affp	937.40	kJ/mol	NIST Webbook
basg	905.50	kJ/mol	NIST Webbook
log10ws	-2.16		Crippen Method
logp	0.002		Crippen Method
mcvol	77.700	ml/mol	McGowan Method

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C1904310&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)  
**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>

## 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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