

# Indole, 5-(4-methylphenyl)-N-methyl-

**Inchi:** InChI=1S/C16H15N/c1-12-3-5-13(6-4-12)14-7-8-16-15(11-14)9-10-17(16)2/h3-11H,1-2H  
**InchiKey:** LRIVZGQWUDDUBO-UHFFFAOYSA-N  
**Formula:** C16H15N  
**SMILES:** Cc1ccc(-c2ccc3c(ccn3C)c2)cc1  
**Mol. weight [g/mol]:** 221.30

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.64		Crippen Method
logp	4.154		Crippen Method
mcvol	183.600	ml/mol	McGowan Method
rinpol	2311.00		NIST Webbook
rinpol	2311.00		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=U380547&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

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