

# N-Acetyl-2-methyl-indole

**Inchi:** InChI=1S/C11H11NO/c1-8-7-10-5-3-4-6-11(10)12(8)9(2)13/h3-7H,1-2H3  
**InchiKey:** MQKDFUDWMKTCNQ-UHFFFAOYSA-N  
**Formula:** C11H11NO  
**SMILES:** CC(=O)n1c(C)cc2ccccc21  
**Mol. weight [g/mol]:** 173.21

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.87		Crippen Method
logp	2.610		Crippen Method
mcvol	138.480	ml/mol	McGowan Method
ripol	2483.00		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=R135281&Units=SI>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**mcvol:** McGowan's characteristic volume  
**ripol:** Polar retention indices

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