

# 1-(4-methoxyphenyl)piperazine, acetyl

**Other names:** pMeOPP, AC  
Piperazine, 1-(4-methoxyphenyl), 4-acetyl

**Inchi:** InChI=1S/C13H18N2O2/c1-11(16)14-7-9-15(10-8-14)12-3-5-13(17-2)6-4-12/h3-6H,7-10H

**InchiKey:** AVCQLYXAEKNILW-UHFFFAOYSA-N

**Formula:** C13H18N2O2

**SMILES:** COc1ccc(N2CCN(C(C)=O)CC2)cc1

**Mol. weight [g/mol]:** 234.29

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.41		Crippen Method
logp	1.364		Crippen Method
mcvol	186.810	ml/mol	McGowan Method
rinpol	2185.00		NIST Webbook
rinpol	2185.00		NIST Webbook

## Sources

**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=U379035&Units=SI>

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## 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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