

# Mirtazapine-M (HO-) AC

**Inchi:** InChI=1S/C19H21N3O2/c1-13(23)24-16-5-6-17-15(11-16)10-14-4-3-7-20-19(14)22-9-8-2  
**InchiKey:** NVDJCIXJFASWCZ-UHFFFAOYSA-N  
**Formula:** C19H21N3O2  
**SMILES:** CC(=O)Oc1ccc2c(c1)Cc1ccnc1N1CCN(C)CC21  
**Mol. weight [g/mol]:** 323.39

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.60		Crippen Method
logp	2.404		Crippen Method
mcvol	246.710	ml/mol	McGowan Method
rinpol	2650.00		NIST Webbook
rinpol	2650.00		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=R331058&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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