

# Promazine M (nor-HO-), acetylated

**Inchi:** InChI=1S/C20H22N2O3S/c1-14(23)21(3)11-6-12-22-17-7-4-5-8-19(17)26-20-13-16(25-1  
**InchiKey:** LTQJFGVIAUHUJW-UHFFFAOYSA-N  
**Formula:** C20H22N2O3S  
**SMILES:** CC(=O)Oc1ccc2c(c1)Sc1ccccc1N2CCCN(C)C(C)=O  
**Mol. weight [g/mol]:** 370.46

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.59		Crippen Method
logp	4.083		Crippen Method
mcvol	279.600	ml/mol	McGowan Method
rinpol	3196.00		NIST Webbook
rinpol	3196.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.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=R310566&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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