

# Levomepromazine M (nor-), monoacetylated

**Inchi:** InChI=1S/C20H24N2O2S/c1-14(12-21(3)15(2)23)13-22-17-7-5-6-8-19(17)25-20-10-9-16  
**InchiKey:** OHFIMZCYCAXBAY-AWEZLNQCLSA-N  
**Formula:** C20H24N2O2S  
**SMILES:** COc1ccc2c(c1)N(CC(C)CN(C)C(C)=O)c1ccccc1S2  
**Mol. weight [g/mol]:** 356.48

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.57		Crippen Method
logp	4.412		Crippen Method
mcvol	278.030	ml/mol	McGowan Method
rinpola	2970.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R310393&Units=SI>  
**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>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**mcvol:** McGowan's characteristic volume  
**rinpola:** Non-polar retention indices

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