

# Methiomeprazine

**Inchi:** InChI=1S/C19H24N2S2/c1-14(12-20(2)3)13-21-16-7-5-6-8-18(16)23-19-10-9-15(22-4)11  
**InchiKey:** AQMNNXSLDLIGII-UHFFFAOYSA-N  
**Formula:** C19H24N2S2  
**SMILES:** CSc1ccc2c(c1)N(CC(C)CN(C)C)c1ccccc1S2  
**Mol. weight [g/mol]:** 344.54  
**CAS:** 7009-43-0

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.00		Crippen Method
logp	5.209		Crippen Method
mcvol	272.850	ml/mol	McGowan Method
rinpol	2685.00		NIST Webbook
rinpol	2685.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C7009430&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**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>

## 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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