

# Imipramine M(Dehydro-ring)

**Inchi:** InChI=1S/C19H22N2/c1-20(2)14-7-15-21-18-10-5-3-8-16(18)12-13-17-9-4-6-11-19(17)21  
**InchiKey:** AFBYHZACPPSJKD-UHFFFAOYSA-N  
**Formula:** C19H22N2  
**SMILES:** CN(C)CCCN1c2ccccc2C=Cc2ccccc21  
**Mol. weight [g/mol]:** 278.39

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.27		Crippen Method
logp	4.260		Crippen Method
mcvol	235.850	ml/mol	McGowan Method
rinpola	1981.00		NIST Webbook

## Sources

**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>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R213173&Units=SI>

## 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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