

# Brompheniramine (nor), acetylated

**Inchi:** InChI=1S/C18H21BrN2O/c1-3-21(14(2)22)13-11-17(18-6-4-5-12-20-18)15-7-9-16(19)10-  
**InchiKey:** PHCMYNGETLCADV-UHFFFAOYSA-N  
**Formula:** C18H21BrN2O  
**SMILES:** CCN(CCC(c1ccc(Br)cc1)c1cccn1)C(C)=O  
**Mol. weight [g/mol]:** 361.28

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.32		Crippen Method
logp	4.235		Crippen Method
mcvol	255.990	ml/mol	McGowan Method
rinpole	2195.00		NIST Webbook
rinpole	2195.00		NIST Webbook

## Sources

**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=R120526&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

## Legend

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

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