

# D-Brompheniramine

<b>Other names:</b>	2-Pyridinepropanamine, «gamma»-(4-bromophenyl)-N,N-dimethyl-, (S)- Pyridine, 2-[p-bromo-«alpha»-[2-(dimethylamino)ethyl]benzyl]-, (S)- (+)-Parabromdylamine Dexbrompheniramine Disomer
<b>Inchi:</b>	InChI=1S/C16H19BrN2/c1-19(2)12-10-15(16-5-3-4-11-18-16)13-6-8-14(17)9-7-13/h3-9,1
<b>InchiKey:</b>	ZDIGNSYAACHWNL-OAHLLOKOSA-N
<b>Formula:</b>	C16H19BrN2
<b>SMILES:</b>	CN(C)CCC(c1ccc(Br)cc1)c1cccn1
<b>Mol. weight [g/mol]:</b>	319.24
<b>CAS:</b>	132-21-8

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.71		Crippen Method
logp	3.928		Crippen Method
mcvol	226.240	ml/mol	McGowan Method

## Sources

<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C132218&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C132218&amp;Units=SI</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>mcvol:</b>	McGowan's characteristic volume

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