D-Brompheniramine

Other names:	2-Pyridinepropanamine, «gamma»-(4-bromophenyl)-N,N-dimethyl-, (S)- Pyridine, 2-[p-bromo-«alpha»-[2-(dimethylamino)ethyl]benzyl]-, (S)- (+)-Parabromdylamine Dexbrompheniramine Disomer
Inchi:	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
InchiKey:	ZDIGNSYAACHWNL-OAHLLOKOSA-N
Formula:	C16H19BrN2
SMILES:	CN(C)CCC(c1ccc(Br)cc1)c1ccccn1
Mol. weight [g/mol]:	319.24
CAS:	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

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	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=C132218&Units=SI

Legend

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