Dexchlorpheniramine

Other names:	S-(+)-Chlorpheniramine
	(+)-Chlorpheniramine
	2-Pyridinepropanamine, «gamma»-(4-chlorophenyl)-N,N-dimethyl-, (S)-
	Pyridine, 2-[p-chloro-«alpha»-[2-(dimethylamino)ethyl]benzyl]-, (S)-(+)-
	D-Chlorpheniramine
	Polaramine
	«gamma»-(4-Chlorophenyl)-N,N-dimethyl-2-pyridinepropanamine
Inchi:	InChI=1S/C16H19ClN2/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:	SOYKEARSMXGVTM-UHFFFAOYSA-N
Formula:	C16H19ClN2
SMILES:	CN(C)CCC(c1ccc(Cl)cc1)c1ccccn1
Mol. weight [g/mol]:	274.79
CAS:	25523-97-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.23		Crippen Method
logp	3.819		Crippen Method
mcvol	220.980	ml/mol	McGowan Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C25523971&Units=SI
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

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

mcvol: McGowan's characteristic volume