

Chlorpheniramine

Other names:	1-p-chlorophenyl-1-(2-pyridyl)-3-dimethylaminopropane maleate 3-(4-chlorophenyl)-N,N-dimethyl-3-(pyridin-2-yl)propan-1-amine maleate chlorpheniramine maleate
Inchi:	InChI=1S/C16H19ClN2.C4H4O4/c1-19(2)12-10-15(16-5-3-4-11-18-16)13-6-8-14(17)9-7-
InchiKey:	DBAKFASWICGISY-BTJKTKAUSA-N
Formula:	C20H23ClN2O4
SMILES:	CN(C)CCC(c1ccc(Cl)cc1)c1cccn1.O=C(O)C=CC(=O)O
Mol. weight [g/mol]:	390.86

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.67		Aqueous Solubility Prediction Method

Sources

Solubility of Chlorpheniramine Maleate in Ethanol, 1-Propanol, 1-Butanol, Benzene, Ethyl Acetate, Ethyl Ether, and Butyl Acetate between 283 K and 333 K. <https://www.doi.org/10.1021/je7001682>
<http://onschallenge.wikispaces.com/file/view/AqueousDataset002.xlsx/351826032/AqueousDataset002.xlsx>
<http://webbook.nist.gov/cgi/cbook.cgi?ID=B6005413&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l

Latest version available from:

<https://www.cheméo.com/cid/69-353-4/Chlorpheniramine.pdf>

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