

# Chlorphenamine

<b>Other names:</b>	n-Propanamine, 3-(4-chlorophenyl)-3-(2-pyridyl)-N,N-dimethyl- 2-Pyridinepropanamine, «gamma»-(4-chlorophenyl)-N,N-dimethyl- Pyridine, 2-[p-chloro-«alpha»-[2-(dimethylamino)ethyl]benzyl]- Allergican Allergisan Chlorophenylpyridamine Chloroprophenpyridamine Chloroprophenpyridamine Cloropiril Haynon Histadur Polaronil 2-(p-Chloro-«alpha»-(2-(dimethylamino)ethyl)benzyl)pyridine 4-Chloropheniramine 1-(p-Chlorophenyl)-1-(2-pyridyl)-3-dimethylaminopropane 1-(p-Chlorophenyl)-1-(2-pyridyl)-3-N,N-dimethylpropylamine Chloropiril Clorfeniramina Chloropheniramine Chloropheniramine (./-.)-Chlorpheniramine 3-(p-Chlorophenyl)-3-(2-pyridyl)-N,N-dimethylpropylamine n.-Propanamine, 3-(4-chlorophenyl)-3-(2-pyridyl)-N,N-dimethyl-
<b>Inchi:</b>	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
<b>InchiKey:</b>	SOYKEARSMXGVTM-UHFFFAOYSA-N
<b>Formula:</b>	C16H19ClN2
<b>SMILES:</b>	CN(C)CCC(c1ccc(Cl)cc1)c1ccccn1
<b>Mol. weight [g/mol]:</b>	274.79
<b>CAS:</b>	132-22-9

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.23		Crippen Method
logp	3.819		Crippen Method
mcpvol	220.980	ml/mol	McGowan Method
rmpol	2020.00		NIST Webbook

rinpol	1985.00	NIST Webbook
rinpol	1972.00	NIST Webbook
rinpol	1972.00	NIST Webbook
rinpol	1985.00	NIST Webbook
rinpol	2000.00	NIST Webbook
rinpol	2020.00	NIST Webbook
rinpol	2000.00	NIST Webbook

## Sources

<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=C132229&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C132229&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307I">http://pubs.acs.org/doi/abs/10.1021/ci990307I</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</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
<b>rinpol:</b>	Non-polar retention indices

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