

# chlorquinox

<b>Other names:</b>	5,6,7,8-Tetrachloroquinoxaline
<b>Inchi:</b>	InChI=1S/C8H2Cl4N2/c9-3-4(10)6(12)8-7(5(3)11)13-1-2-14-8/h1-2H
<b>InchiKey:</b>	NHTGQOXRZFUJGX-UHFFFAOYSA-N
<b>Formula:</b>	C8H2Cl4N2
<b>SMILES:</b>	Clc1c(Cl)c(Cl)c2nccnc2c1Cl
<b>Mol. weight [g/mol]:</b>	267.93

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.43		Aqueous Solubility Prediction Method
log10ws	-5.43		Estimated Solubility Method
logp	4.243		Crippen Method
mcvol	149.280	ml/mol	McGowan Method

## Sources

**Aqueous Solubility Prediction Method:** <http://onschallenge.wikispaces.com/file/view/AqueousDataset002.xlsx/351826032/AqueousDa>

**Estimated Solubility Method:** [http://pubs.acs.org/doi/suppl/10.1021/ci034243x/suppl\\_file/ci034243xsi20040112\\_053635.txt](http://pubs.acs.org/doi/suppl/10.1021/ci034243x/suppl_file/ci034243xsi20040112_053635.txt)

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## 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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