

# Quinoline, 2-[2-(4-chlorophenyl)ethenyl]-

<b>Other names:</b>	Quinoline, 2-(p-chlorostyryl)- 2-[2-(4-Chlorophenyl)ethenyl]quinoline 2-p-Chlorostyryl quinoline
<b>Inchi:</b>	InChI=1S/C17H12ClN/c18-15-9-5-13(6-10-15)7-11-16-12-8-14-3-1-2-4-17(14)19-16/h1-11
<b>InchiKey:</b>	PWZHLFSCFYMSMR-YRNVUSSQSA-N
<b>Formula:</b>	C17H12ClN
<b>SMILES:</b>	Clc1ccc(C=Cc2ccc3ccccc3n2)cc1
<b>Mol. weight [g/mol]:</b>	265.74
<b>CAS:</b>	5392-19-8

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.33		Crippen Method
logp	5.059		Crippen Method
mcvol	201.330	ml/mol	McGowan Method

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C5392198&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C5392198&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</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

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