

# Quinoline, 3-(4-methylphenyl)-

<b>Inchi:</b>	InChI=1S/C16H13N/c1-12-6-8-13(9-7-12)15-10-14-4-2-3-5-16(14)17-11-15/h2-11H,1H3
<b>InchiKey:</b>	IJDFFJAVIVWXML-UHFFFAOYSA-N
<b>Formula:</b>	C16H13N
<b>SMILES:</b>	<chem>Cc1ccc(-c2cnc3ccccc3c2)cc1</chem>
<b>Mol. weight [g/mol]:</b>	219.28

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.12		Crippen Method
logp	4.210		Crippen Method
mcvol	179.300	ml/mol	McGowan Method
rinsol	2279.00		NIST Webbook

## Sources

<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>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U380554&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U380554&amp;Units=SI</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>rinsol:</b>	Non-polar retention indices

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