

# Quinoline, 2-pentyl

<b>Other names:</b>	2-Pentylquinoline
<b>Inchi:</b>	InChI=1S/C14H17N/c1-2-3-4-8-13-11-10-12-7-5-6-9-14(12)15-13/h5-7,9-11H,2-4,8H2,1H
<b>InchiKey:</b>	GMTGCIAJHZEUNB-UHFFFAOYSA-N
<b>Formula:</b>	C14H17N
<b>SMILES:</b>	CCCCCc1ccc2ccccc2n1
<b>Mol. weight [g/mol]:</b>	199.29

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.10		Crippen Method
logp	3.968		Crippen Method
mcvol	174.880	ml/mol	McGowan Method
ripol	1650.00		NIST Webbook
ripol	1664.00		NIST Webbook
ripol	1650.00		NIST Webbook
ripol	1664.00		NIST Webbook
ripol	2225.00		NIST Webbook
ripol	2249.00		NIST Webbook
ripol	2225.00		NIST Webbook
ripol	2249.00		NIST Webbook
ripol	2225.00		NIST Webbook
ripol	2249.00		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=R37268&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R37268&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>rinpol:</b>	Non-polar retention indices
<b>ripol:</b>	Polar retention indices

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