

# Quinoline, 3-ethyl-2-propyl

<b>Other names:</b>	3-ethyl-2-propylquinoline
<b>Inchi:</b>	InChI=1S/C14H17N/c1-3-7-13-11(4-2)10-12-8-5-6-9-14(12)15-13/h5-6,8-10H,3-4,7H2,1-2H
<b>InchiKey:</b>	CXHUPHNAWXTJFS-UHFFFAOYSA-N
<b>Formula:</b>	C14H17N
<b>SMILES:</b>	CCCC1nc2ccccc2cc1CC
<b>Mol. weight [g/mol]:</b>	199.29
<b>CAS:</b>	3290-24-2

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.07		Crippen Method
logp	3.750		Crippen Method
mccvol	174.880	ml/mol	McGowan Method
ripol	1644.00		NIST Webbook
ripol	1657.00		NIST Webbook
ripol	1644.00		NIST Webbook
ripol	2208.00		NIST Webbook
ripol	2236.00		NIST Webbook
ripol	2208.00		NIST Webbook
ripol	2208.00		NIST Webbook
ripol	2236.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C3290242&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C3290242&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
<b>rinpol:</b>	Non-polar retention indices
<b>ripol:</b>	Polar retention indices

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