

# Quinoline, 4-ethyl-

<b>Other names:</b>	4-Ethylquinoline
<b>Inchi:</b>	InChI=1S/C11H11N/c1-2-9-7-8-12-11-6-4-3-5-10(9)11/h3-8H,2H2,1H3
<b>InchiKey:</b>	UOYJBGYNFMPCLV-UHFFFAOYSA-N
<b>Formula:</b>	C11H11N
<b>SMILES:</b>	CCc1ccnc2ccccc12
<b>Mol. weight [g/mol]:</b>	157.21
<b>CAS:</b>	19020-26-9

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.84		Crippen Method
logp	2.797		Crippen Method
mcvol	132.610	ml/mol	McGowan Method
tb	545.70	K	NIST Webbook

## Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	417.20	K	1.00	NIST Webbook

## Sources

<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=C19020269&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C19020269&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>

# 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>tb:</b>	Normal Boiling Point Temperature
<b>tbrp:</b>	Boiling point at reduced pressure

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