

# Quinoxaline, 2-methyl-

<b>Other names:</b>	2-Methylquinoxaline
<b>Inchi:</b>	InChI=1S/C9H8N2/c1-7-6-10-8-4-2-3-5-9(8)11-7/h2-6H,1H3
<b>InchiKey:</b>	ALHUXMDEZNLFTA-UHFFFAOYSA-N
<b>Formula:</b>	C9H8N2
<b>SMILES:</b>	Cc1cnc2ccccc2n1
<b>Mol. weight [g/mol]:</b>	144.17
<b>CAS:</b>	7251-61-8

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.28		Crippen Method
logp	1.938		Crippen Method
mccvol	114.410	ml/mol	McGowan Method
ripol	1272.00		NIST Webbook
ripol	1262.00		NIST Webbook
ripol	1304.00		NIST Webbook
ripol	1272.00		NIST Webbook
ripol	1262.00		NIST Webbook
ripol	1936.00		NIST Webbook
ripol	1941.00		NIST Webbook
ripol	1936.00		NIST Webbook
tb	519.20	K	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=C7251618&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C7251618&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>rinpol:</b>	Non-polar retention indices
<b>ripol:</b>	Polar retention indices
<b>tb:</b>	Normal Boiling Point Temperature

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