

# Pyrazine, 2-methyl-5-(1-propenyl)-, (Z)-

<b>Other names:</b>	2-Methyl-5-[(1Z)-1-propenyl]pyrazine 2-methyl-5-(1-propenyl)pyrazine
<b>Inchi:</b>	InChI=1S/C8H10N2/c1-3-4-8-6-9-7(2)5-10-8/h3-6H,1-2H3/b4-3-
<b>InchiKey:</b>	KFZIJPOISUVMAW-ARJAWSKDSA-N
<b>Formula:</b>	C8H10N2
<b>SMILES:</b>	CC=Cc1cnc(C)cn1
<b>Mol. weight [g/mol]:</b>	134.18
<b>CAS:</b>	55138-66-4

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.72		Crippen Method
logp	1.818		Crippen Method
mcvol	115.480	ml/mol	McGowan Method
rinpol	1190.00		NIST Webbook
rinpol	1190.00		NIST Webbook
rinpol	1110.00		NIST Webbook
ripol	1535.00		NIST Webbook
ripol	1535.00		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=C55138664&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C55138664&amp;Units=SI</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient

**mcvol:** McGowan's characteristic volume  
**rinpol:** Non-polar retention indices  
**ripol:** Polar retention indices

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