

# Pyrazine, 2,3-dimethyl-5-(1-propenyl)-, (Z)-

<b>Other names:</b>	2,3-Dimethyl-5-(Z-1-propenyl)-pyrazine 2,3-Dimethyl-5-[(1Z)-1-propenyl]pyrazine
<b>Inchi:</b>	InChI=1S/C9H12N2/c1-4-5-9-6-10-7(2)8(3)11-9/h4-6H,1-3H3/b5-4+
<b>InchiKey:</b>	BNYRAFHQRSHWGQ-SNAWJCMRSA-N
<b>Formula:</b>	C9H12N2
<b>SMILES:</b>	CC=Cc1cnc(C)c(C)n1
<b>Mol. weight [g/mol]:</b>	148.21
<b>CAS:</b>	55138-72-2

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.20		Crippen Method
logp	2.127		Crippen Method
mcvol	129.570	ml/mol	McGowan Method
rinpol	1247.00		NIST Webbook
ripol	1702.00		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=C55138722&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C55138722&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

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