

# 2-ethenyl-3,5-dimethylpyrazine

**Other names:** Pyrazine, 2-ethenyl-3,5-dimethyl  
**Inchi:** InChI=1S/C8H10N2/c1-4-8-7(3)10-6(2)5-9-8/h4-5H,1H2,2-3H3  
**InchiKey:** ZUOLEJGELMNGPM-UHFFFAOYSA-N  
**Formula:** C8H10N2  
**SMILES:** C=Cc1ncc(C)nc1C  
**Mol. weight [g/mol]:** 134.18

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.78		Crippen Method
logp	1.736		Crippen Method
mcvol	115.480	ml/mol	McGowan Method
ripol	1102.00		NIST Webbook
ripol	1109.00		NIST Webbook
ripol	1102.00		NIST Webbook
ripol	1102.00		NIST Webbook
ripol	1109.00		NIST Webbook
ripol	1078.00		NIST Webbook
ripol	1520.00		NIST Webbook
ripol	1551.00		NIST Webbook
ripol	1545.00		NIST Webbook
ripol	1553.00		NIST Webbook
ripol	1524.00		NIST Webbook
ripol	1551.00		NIST Webbook
ripol	1552.00		NIST Webbook

## Sources

**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R235846&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

# 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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