

# Pyrazine, ethyl-

<b>Other names:</b>	Ethylpyrazine 2-Ethylpyrazine
<b>Inchi:</b>	InChI=1S/C6H8N2/c1-2-6-5-7-3-4-8-6/h3-5H,2H2,1H3
<b>InchiKey:</b>	KVFIJIWMDBAGDP-UHFFFAOYSA-N
<b>Formula:</b>	C6H8N2
<b>SMILES:</b>	CCc1cnccn1
<b>Mol. weight [g/mol]:</b>	108.14
<b>CAS:</b>	13925-00-3

## Physical Properties

Property code	Value	Unit	Source
hvap	48.80 ± 1.90	kJ/mol	NIST Webbook
log10ws	-1.81		Crippen Method
logp	1.039		Crippen Method
mcvol	91.600	ml/mol	McGowan Method
rinpol	931.00		NIST Webbook
rinpol	920.00		NIST Webbook
rinpol	917.00		NIST Webbook
rinpol	924.00		NIST Webbook
rinpol	915.00		NIST Webbook
rinpol	934.00		NIST Webbook
rinpol	923.00		NIST Webbook
rinpol	923.00		NIST Webbook
rinpol	929.00		NIST Webbook
rinpol	888.00		NIST Webbook
rinpol	925.00		NIST Webbook
rinpol	936.00		NIST Webbook
rinpol	921.00		NIST Webbook
rinpol	897.00		NIST Webbook
rinpol	933.00		NIST Webbook
rinpol	930.00		NIST Webbook
rinpol	888.00		NIST Webbook
rinpol	888.00		NIST Webbook
rinpol	893.00		NIST Webbook
rinpol	892.00		NIST Webbook
rinpol	929.00		NIST Webbook
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rinpol	916.00	NIST Webbook
rinpol	887.00	NIST Webbook
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rinpol	910.00	NIST Webbook
rinpol	913.80	NIST Webbook
rinpol	918.00	NIST Webbook
rinpol	920.00	NIST Webbook
rinpol	928.00	NIST Webbook
rinpol	914.00	NIST Webbook
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ripol	1347.00		NIST Webbook
ripol	1344.00		NIST Webbook
ripol	1329.00		NIST Webbook
ripol	1292.00		NIST Webbook
ripol	1349.00		NIST Webbook
ripol	1334.00		NIST Webbook
tb	425.70	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=C13925003&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C13925003&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>hvap:</b>	Enthalpy of vaporization at standard conditions
<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>ripol:</b>	Non-polar retention indices
<b>ripol:</b>	Polar retention indices
<b>tb:</b>	Normal Boiling Point Temperature

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