

# Pyrazine, 2-ethyl-5-methyl-

<b>Other names:</b>	2-Ethyl-5-methylpyrazine 2-Methyl-5-ethylpyrazine 2,5-Methylethylpyrazine 5-Ethyl-2-methylpyrazine Pyrazine, 5-ethyl-2-methyl
<b>Inchi:</b>	InChI=1S/C7H10N2/c1-3-7-5-8-6(2)4-9-7/h4-5H,3H2,1-2H3
<b>InchiKey:</b>	OXCKCFJIKRGXMM-UHFFFAOYSA-N
<b>Formula:</b>	C7H10N2
<b>SMILES:</b>	CCc1cnc(C)cn1
<b>Mol. weight [g/mol]:</b>	122.17
<b>CAS:</b>	13360-64-0

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.28		Crippen Method
logp	1.347		Crippen Method
mcvol	105.690	ml/mol	McGowan Method
rinpol	1021.00		NIST Webbook
rinpol	997.00		NIST Webbook
rinpol	1014.00		NIST Webbook
rinpol	973.00		NIST Webbook
rinpol	1001.00		NIST Webbook
rinpol	1002.00		NIST Webbook
rinpol	1001.00		NIST Webbook
rinpol	994.00		NIST Webbook
rinpol	972.00		NIST Webbook
rinpol	980.00		NIST Webbook
rinpol	971.00		NIST Webbook
rinpol	980.00		NIST Webbook
rinpol	980.00		NIST Webbook
rinpol	975.00		NIST Webbook
rinpol	974.00		NIST Webbook
rinpol	974.00		NIST Webbook
rinpol	973.00		NIST Webbook
rinpol	980.00		NIST Webbook
rinpol	990.00		NIST Webbook
rinpol	961.00		NIST Webbook

rinpol	980.00	NIST Webbook
rinpol	985.00	NIST Webbook
rinpol	970.00	NIST Webbook
rinpol	983.00	NIST Webbook
rinpol	975.00	NIST Webbook
rinpol	981.00	NIST Webbook
rinpol	1000.00	NIST Webbook
rinpol	1000.00	NIST Webbook
rinpol	995.00	NIST Webbook
rinpol	1006.00	NIST Webbook
rinpol	981.00	NIST Webbook
rinpol	1022.00	NIST Webbook
rinpol	1001.00	NIST Webbook
rinpol	974.00	NIST Webbook
rinpol	1004.00	NIST Webbook
rinpol	978.00	NIST Webbook
rinpol	978.00	NIST Webbook
rinpol	997.00	NIST Webbook
rinpol	1012.00	NIST Webbook
rinpol	1015.00	NIST Webbook
rinpol	1010.00	NIST Webbook
rinpol	1012.00	NIST Webbook
rinpol	1008.00	NIST Webbook
rinpol	1014.00	NIST Webbook
rinpol	1014.00	NIST Webbook
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rinpol	973.00	NIST Webbook
rinpol	973.00	NIST Webbook
rinpol	1002.00	NIST Webbook
rinpol	972.00	NIST Webbook
rinpol	1007.00	NIST Webbook
rinpol	1011.00	NIST Webbook
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rinpol	1008.00	NIST Webbook

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rinpol	976.00	NIST Webbook
rinpol	973.00	NIST Webbook
rinpol	1019.00	NIST Webbook
rinpol	1015.00	NIST Webbook
rinpol	1006.00	NIST Webbook
rinpol	998.00	NIST Webbook
rinpol	999.00	NIST Webbook
rinpol	980.00	NIST Webbook
rinpol	978.00	NIST Webbook
rinpol	979.00	NIST Webbook
rinpol	973.00	NIST Webbook
rinpol	995.00	NIST Webbook
rinpol	1000.00	NIST Webbook
rinpol	1000.00	NIST Webbook
rinpol	997.00	NIST Webbook
rinpol	978.00	NIST Webbook
ripol	1357.00	NIST Webbook
ripol	1395.00	NIST Webbook
ripol	1411.00	NIST Webbook
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ripol	1398.00	NIST Webbook
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ripol	1356.00	NIST Webbook
ripol	1390.00	NIST Webbook
ripol	1371.00	NIST Webbook
ripol	1385.00	NIST Webbook
ripol	1398.00	NIST Webbook
ripol	1385.00	NIST Webbook
ripol	1419.00	NIST Webbook
ripol	1419.00	NIST Webbook
ripol	1380.00	NIST Webbook
ripol	1419.00	NIST Webbook
ripol	1341.00	NIST Webbook
ripol	1383.00	NIST Webbook
ripol	1392.00	NIST Webbook
ripol	1403.00	NIST Webbook
ripol	1362.00	NIST Webbook
ripol	1405.00	NIST Webbook
ripol	1387.00	NIST Webbook
ripol	1428.00	NIST Webbook
ripol	1378.00	NIST Webbook
ripol	1415.00	NIST Webbook
ripol	1405.00	NIST Webbook
ripol	1369.00	NIST Webbook
ripol	1406.00	NIST Webbook
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ripol	1376.00	NIST Webbook
ripol	1386.00	NIST Webbook
ripol	1399.00	NIST Webbook
ripol	1406.00	NIST Webbook
ripol	1394.00	NIST Webbook
ripol	1393.00	NIST Webbook
ripol	1394.00	NIST Webbook
ripol	1383.00	NIST Webbook
ripol	1397.00	NIST Webbook
ripol	1393.00	NIST Webbook
ripol	1397.00	NIST Webbook

ripol	1363.00	NIST Webbook
ripol	1376.00	NIST Webbook
ripol	1402.00	NIST Webbook
ripol	1392.00	NIST Webbook
ripol	1390.00	NIST Webbook
ripol	1399.00	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.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.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=C13360640&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C13360640&amp;Units=SI</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>ripol:</b>	Non-polar retention indices
<b>ripol:</b>	Polar retention indices

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