

# Pyrazine, 3,5-diethyl-2-methyl-

<b>Other names:</b>	2-Methyl-3,5-diethylpyrazine 2,6-Diethyl-3-methylpyrazine 2,6-Diethyl-5-methylpyrazine 3,5-Diethyl-2-methylpyrazine
<b>Inchi:</b>	InChI=1S/C9H14N2/c1-4-8-6-10-7(3)9(5-2)11-8/h6H,4-5H2,1-3H3
<b>InchiKey:</b>	MRWLZECVHMHMGJ-UHFFFAOYSA-N
<b>Formula:</b>	C9H14N2
<b>SMILES:</b>	CCc1cnc(C)c(CC)n1
<b>Mol. weight [g/mol]:</b>	150.22
<b>CAS:</b>	18138-05-1

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.08		Crippen Method
logp	1.910		Crippen Method
mcvol	133.870	ml/mol	McGowan Method
rinpol	1173.00		NIST Webbook
rinpol	1172.00		NIST Webbook
rinpol	1150.00		NIST Webbook
rinpol	1138.00		NIST Webbook
rinpol	1161.00		NIST Webbook
rinpol	1156.00		NIST Webbook
rinpol	1156.00		NIST Webbook
rinpol	1163.00		NIST Webbook
rinpol	1145.00		NIST Webbook
rinpol	1135.00		NIST Webbook
rinpol	1138.00		NIST Webbook
rinpol	1185.00		NIST Webbook
rinpol	1166.00		NIST Webbook
rinpol	1167.00		NIST Webbook
rinpol	1133.00		NIST Webbook
rinpol	1159.00		NIST Webbook
rinpol	1163.00		NIST Webbook
rinpol	1165.00		NIST Webbook
rinpol	1167.00		NIST Webbook
rinpol	1184.00		NIST Webbook
rinpol	1157.00		NIST Webbook

rinpol	1155.00	NIST Webbook
rinpol	1163.00	NIST Webbook
rinpol	1159.00	NIST Webbook
rinpol	1152.00	NIST Webbook
rinpol	1153.00	NIST Webbook
rinpol	1133.00	NIST Webbook
rinpol	1148.00	NIST Webbook
rinpol	1162.00	NIST Webbook
rinpol	1159.00	NIST Webbook
rinpol	1162.00	NIST Webbook
rinpol	1138.00	NIST Webbook
rinpol	1160.00	NIST Webbook
rinpol	1137.00	NIST Webbook
rinpol	1139.00	NIST Webbook
rinpol	1126.00	NIST Webbook
rinpol	1166.00	NIST Webbook
rinpol	1126.00	NIST Webbook
ripol	1492.00	NIST Webbook
ripol	1496.00	NIST Webbook
ripol	1496.00	NIST Webbook
ripol	1496.00	NIST Webbook
ripol	1496.00	NIST Webbook
ripol	1474.00	NIST Webbook
ripol	1505.00	NIST Webbook
ripol	1466.00	NIST Webbook
ripol	1509.00	NIST Webbook
ripol	1481.00	NIST Webbook
ripol	1469.00	NIST Webbook
ripol	1509.00	NIST Webbook
ripol	1503.00	NIST Webbook
ripol	1524.00	NIST Webbook
ripol	1491.00	NIST Webbook
ripol	1501.00	NIST Webbook
ripol	1501.00	NIST Webbook
ripol	1503.00	NIST Webbook
ripol	1497.00	NIST Webbook
ripol	1501.00	NIST Webbook

## Sources

McGowan Method:

<http://link.springer.com/article/10.1007/BF02311772>

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C18138051&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**mcvol:** McGowan's characteristic volume  
**rinpol:** Non-polar retention indices  
**ripol:** Polar retention indices

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