

1H-Imidazole, 2-ethyl-4-methyl-

Other names:	Imidazole, 2-ethyl-4-methyl- 2-Ethyl-4-methylimidazole 4-Methyl-2-ethylimidazole 2-Ethyl-4-methyl-1H-imidazole Curazol 2E4MZ Imidazole, 2-ethyl-4(or 5)-methyl- EMI-24 Ethylmethyl imidazole 1H-Imidazole, 2-ethyl-5-methyl- NSC 82315
Inchi:	InChI=1S/C6H10N2/c1-3-6-7-4-5(2)8-6/h4H,3H2,1-2H3,(H,7,8)
InchiKey:	ULKLGIFJWFIQFF-UHFFFAOYSA-N
Formula:	C6H10N2
SMILES:	CCc1ncc(C)[nH]1
Mol. weight [g/mol]:	110.16
CAS:	931-36-2

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.73		Crippen Method
logp	0.799		Crippen Method
mcvol	95.900	ml/mol	McGowan Method
tb	566.70	K	NIST Webbook

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C931362&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	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
tb:	Normal Boiling Point Temperature

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