

Pyridine, 2-ethyl-4-methyl-

Other names:	2-Ethyl-4-methylpyridine
Inchi:	InChI=1S/C8H11N/c1-3-8-6-7(2)4-5-9-8/h4-6H,3H2,1-2H3
InchiKey:	WFGFGSWFQKXOAE-UHFFFAOYSA-N
Formula:	C8H11N
SMILES:	CCc1cc(C)ccn1
Mol. weight [g/mol]:	121.18
CAS:	2150-18-7

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.52		Crippen Method
logp	1.952		Crippen Method
mcvol	109.800	ml/mol	McGowan Method
rinpol	1013.00		NIST Webbook
rinpol	1027.00		NIST Webbook

Correlations

Information	Value
Property code	pvap
Equation	$\ln(P_{vp}) = A + B/(T + C)$
Coeff. A	1.41568e+01
Coeff. B	-3.70672e+03
Coeff. C	-6.54580e+01
Temperature range (K), min.	332.72
Temperature range (K), max.	484.52

Sources

Crippen Method:	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=C2150187&Units=SI>

The Yaws Handbook of Vapor

<https://www.sciencedirect.com/book/9780128029992/the-yaws-handbook-of-vapor-pressure>

Pressure:

Crippen Method:

<http://pubs.acs.org/doi/abs/10.1021/ci990307l>

Legend

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

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