

2-ethyl-3,5-dimethylpyridine

Inchi:	InChI=1S/C9H13N/c1-4-9-8(3)5-7(2)6-10-9/h5-6H,4H2,1-3H3
InchiKey:	QLUUXTUCKOZMEL-UHFFFAOYSA-N
Formula:	C9H13N
SMILES:	CCc1ncc(C)cc1C
Mol. weight [g/mol]:	135.21
CAS:	1123-96-2

Physical Properties

Property code	Value	Unit	Source
logp	2.261		Crippen Method
mcvol	123.890	ml/mol	McGowan Method
tb	473.47	K	Cheméo Relay (1.0)
tf	254.03	K	Cheméo Relay (1.0)

Correlations

Information	Value
Property code	pvap
Equation	$\ln(P_{vp}) = A + B/(T + C)$
Coeff. A	1.42994e+01
Coeff. B	-3.92036e+03
Coeff. C	-7.21300e+01
Temperature range (K), min.	351.92
Temperature range (K), max.	508.31

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):	

Cheméo Relay (1.0, beta):

The Yaws Handbook of Vapor
Pressure:

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

Legend

logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
pvap:	Vapor pressure
tb:	Normal Boiling Point Temperature
tf:	Normal melting (fusion) point

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<https://www.chemeo.com/cid/105-417-2/2-ethyl-3-5-dimethylpyridine.pdf>

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