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(Pvp) = 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