Pyridine, 2-(1-methylethyl)-

Other names: 2-Isopropylpyridine
Inchi: InChI=1S/C8H11N/c1-7(2)8-5-3-4-6-9-8/h3-7H,1-2H3
InchiKey: PFYPDUUXDADWKC-UHFFFAOYSA-N
Formula: C8H11N
SMILES: CC(C)c1ccccn1
Mol. weight [g/mol]: 121.18
CAS: 644-98-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.42		Crippen Method
logp	2.205		Crippen Method
mcvol	109.800	ml/mol	McGowan Method
tb	433.00	K	NIST Webbook

Correlations

Information	Value
Property code	pvap
Equation	ln(Pvp) = A + B/(T + C)
Coeff. A	1.46984e+01
Coeff. B	-3.74465e+03
Coeff. C	-6.15100e+01
Temperature range (K), min.	321.36
Temperature range (K), max.	460.43

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=C644984&Units=SI

The Yaws Handbook of Vapor Pressure: https://www.sciencedirect.com/book/9780128029992/the-yaws-handbook-of-vapor-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
tb:	Normal Boiling Point Temperature