Pyridine, 2,3,4,6-tetramethyl-

Other names: 2,3,4,6-Tetramethylpyridine
Inchi: InChI=1S/C9H13N/c1-6-5-7(2)10-9(4)8(6)3/h5H,1-4H3
InchiKey: QBSVEFGWBSANTE-UHFFFAOYSA-N
Formula: C9H13N
SMILES: Cc1cc(C)c(C)c(C)n1
Mol. weight [g/mol]: 135.21
CAS: 20820-82-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.14		Crippen Method
logp	2.315		Crippen Method
mcvol	123.890	ml/mol	McGowan Method
rinpol	1137.00		NIST Webbook
rinpol	1162.00		NIST Webbook
ripol	1561.00		NIST Webbook

Correlations

Information	Value
Property code	pvap
Equation	ln(Pvp) = A + B/(T + C)
Coeff. A	1.47123e+01
Coeff. B	-4.07353e+03
Coeff. C	-7.35200e+01
Temperature range (K), min.	355.92
Temperature range (K), max.	506.84

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C20820820&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
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772

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
ripol:	Polar retention indices