2,3-Dimethylimidazo(1,2-a)pyridine

Inchi: InChI=1S/C9H10N2/c1-7-8(2)11-6-4-3-5-9(11)10-7/h3-6H,1-2H3
InchiKey: KQFIATWLSFGEPF-UHFFFAOYSA-N
Formula: C9H10N2
SMILES: Cc1nc2ccccn2c1C
Mol. weight [g/mol]: 146.19
CAS: 875-80-9

Physical Properties

Property code	Value	Unit	Source
affp	998.20	kJ/mol	NIST Webbook
basg	966.40	kJ/mol	NIST Webbook
log10ws	-3.15		Crippen Method
logp	1.951		Crippen Method
mcvol	118.710	ml/mol	McGowan Method

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=C875809&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

affp: Proton affinity
basg: Gas basicity
log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume

Latest version available from: