2,3,5-Trimethylimidazo(1,2-a)-pyridine

Inchi: InChI=1S/C10H12N2/c1-7-5-4-6-10-11-8(2)9(3)12(7)10/h4-6H,1-3H3
InchiKey: RHZCLGNRBBHEJF-UHFFFAOYSA-N
Formula: C10H12N2
SMILES: Cc1nc2cccc(C)n2c1C
Mol. weight [g/mol]: 160.22
CAS: 34165-19-0

Physical Properties

Property code	Value	Unit	Source
affp	1005.50	kJ/mol	NIST Webbook
basg	973.70	kJ/mol	NIST Webbook
log10ws	-3.62		Crippen Method
logp	2.260		Crippen Method
mcvol	132.800	ml/mol	McGowan Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C34165190&Units=SI
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

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

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