2,3-Diaminopyridine

Other names: 2,3-Diaminopyridine
Pyridine, 2,3-diamino-
pyridine-2,3-diyldiamine
Inchi: InChI=1S/C5H7N3/c6-4-2-1-3-8-5(4)7/h1-3H,6H2,(H2,7,8)
InchiKey: ZZYXNRREDYWPLN-UHFFFAOYSA-N
Formula: C5H7N3
SMILES: Nc1cccnc1N
Mol. weight [g/mol]: 109.13

Physical Properties

Property code	Value	Unit	Source
hf	135.09	kJ/mol	Cheméo Relay (1.0)
ie	8.21	eV	Cheméo Relay (1.0)
log10ws	-0.55		Cheméo Relay (1.0)
logp	0.246		Crippen Method
mcvol	87.490	ml/mol	McGowan Method
tb	563.65	K	Cheméo Relay (1.0)
tf	437.26	K	Cheméo Relay (1.0)

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C452584&Units=SI
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):

Legend

hf: Enthalpy of formation at standard conditions

ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
tb:	Normal Boiling Point Temperature
tf:	Normal melting (fusion) point