

2,3-Diaminopyridine

Other names:	2,3-Diaminopyridine Pyridine, 2,3-diamino- pyridine-2,3-diylldiamine
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:	Nc1ccnc1N
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.cheméo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):	
Cheméo Relay (1.0, beta):	

Legend

hf:	Enthalpy of formation at standard conditions
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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

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