N,N-Dimethyl-2-pyridinamine

Other names:	2-Dimethylaminopyridine
	2-Pyridinamine, N,N-dimethyl-
	(Dimethylamino)-2-pyridine
	Pyridine, 2-(dimethylamino)-
	2-Dimethylaminopyridin
	2-Dimethylaminopyridine cobalt complex
	N,N-dimethylpyridin-2-amine
Inchi:	InChI=1S/C7H10N2/c1-9(2)7-5-3-4-6-8-7/h3-6H,1-2H3
InchiKey:	PSHKMPUSSFXUIA-UHFFFAOYSA-N
Formula:	C7H10N2
SMILES:	CN(C)c1ccccn1
Mol. weight [g/mol]:	122.17
CAS:	5683-33-0

Physical Properties

Property code	Value	Unit	Source
affp	968.20	kJ/mol	NIST Webbook
basg	941.60	kJ/mol	NIST Webbook
ie	7.80 ± 0.10	eV	NIST Webbook
ie	7.70	eV	NIST Webbook
log10ws	-1.15		Crippen Method
logp	1.148		Crippen Method
mcvol	105.690	ml/mol	McGowan Method
rinpol	1071.50		NIST Webbook
rinpol	1110.00		NIST Webbook
tb	464.20	K	NIST Webbook
tb	469.20	K	NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C5683330&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
ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature