3-Pyridinamine, N,N-dimethyl-

Other names: N,N-Dimethyl-3-pyridinamine
Inchi: InChI=1S/C7H10N2/c1-9(2)7-4-3-5-8-6-7/h3-6H,1-2H3
InchiKey: JEDHEXUPBRMUMB-UHFFFAOYSA-N
Formula: C7H10N2
SMILES: CN(C)c1cccnc1
Mol. weight [g/mol]: 122.17
CAS: 18437-57-5

Physical Properties

Property code	Value	Unit	Source
affp	969.60	kJ/mol	NIST Webbook
basg	943.10	kJ/mol	NIST Webbook
log10ws	-1.15		Crippen Method
logp	1.148		Crippen Method
mcvol	105.690	ml/mol	McGowan Method

Sources

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
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C18437575&Units=SI

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