

2-Pyridinamine, N-nitro-

Other names:	Pyridine, 2-nitramino- 2-Nitraminopyridine 2-Nitroaminopyridine Pyridine, 2-nitroamino- N-Nitro-2-pyridinamine
Inchi:	InChI=1S/C5H5N3O2/c9-8(10)7-5-3-1-2-4-6-5/h1-4H,(H,6,7)
InchiKey:	VLZLEPNAKIFDQJ-UHFFFAOYSA-N
Formula:	C5H5N3O2
SMILES:	O=[N+](O-)Nc1ccccn1
Mol. weight [g/mol]:	139.11
CAS:	26482-54-2

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.90		Crippen Method
logp	0.685		Crippen Method
mcvol	94.930	ml/mol	McGowan Method

Sources

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=C26482542&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

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