2,2'-Dipyridylamine

Other names:	2,2-Dipyridylamine
	2-Pyridinamine, N-2-pyridinyl-
	Di(2-pyridyl)amine
	Pyridine, 2,2'-iminodi-
	2,2'-Bipyridylamine
	2,2'-Iminodipyridine
	Di-«alpha»-pyridylamine
	N-(2-Pyridinyl)-2-pyridinamine
Inchi:	InChI=1S/C10H9N3/c1-3-7-11-9(5-1)13-10-6-2-4-8-12-10/h1-8H,(H,11,12,13)
InchiKey:	HMMPCBAWTWYFLR-UHFFFAOYSA-N
Formula:	C10H9N3
SMILES:	c1ccc(Nc2ccccn2)nc1
Mol. weight [g/mol]:	171.20
CAS:	1202-34-2

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.81		Crippen Method
logp	2.220		Crippen Method
mcvol	134.180	ml/mol	McGowan Method
rinpol	1731.00		NIST Webbook
rinpol	1731.00		NIST Webbook

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	495.20	K	6.70	NIST Webbook

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=C1202342&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
rinpol:	Non-polar retention indices
tbrp:	Boiling point at reduced pressure