

2-Hydrazinopyridine

Other names:	2(1H)-Pyridinone, hydrazone Hydrazine, 2-pyridinyl- Pyridine, 2-hydrazino- 2-Pyridylhydrazine
Inchi:	InChI=1S/C5H7N3/c6-8-5-3-1-2-4-7-5/h1-4H,6H2,(H,7,8)
InchiKey:	NWELCUKYUCBVKK-UHFFFAOYSA-N
Formula:	C5H7N3
SMILES:	<chem>NN=c1cccc[nH]1</chem>
Mol. weight [g/mol]:	109.13
CAS:	4930-98-7

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.36		Crippen Method
logp	-0.693		Crippen Method
mvol	87.490	ml/mol	McGowan Method

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	363.40	K	0.10	NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C4930987&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772

Legend

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

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