

2-Pyridinecarboxylic acid

Other names:	Picolinic acid
	«alpha»-Pyridinecarboxylic acid
	o-Pyridinecarboxylic acid
	2-Carboxypyridine
	2-Picolinic acid
	Pyridinecarboxylic acid-(2)
	Acide picolique
	Pyridine-carboxylique-2
	NSC 171
	pyridine-2-carboxylic acid
Inchi:	InChI=1S/C6H5NO2/c8-6(9)5-3-1-2-4-7-5/h1-4H,(H,8,9)
InchiKey:	SIOXPEMLGUPBBT-UHFFFAOYSA-N
Formula:	C6H5NO2
SMILES:	O=C(O)c1cccn1
Mol. weight [g/mol]:	123.11
CAS:	98-98-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.30		Crippen Method
logp	0.780		Crippen Method
mcpvol	89.060	ml/mol	McGowan Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I
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=C98986&Units=SI

Legend

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

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<https://www.chemeo.com/cid/98-600-7/2-Pyridinecarboxylic-acid.pdf>

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