

3-Hydroxypicolinic acid

Other names:	3-Hydroxypyridine-2-carboxylic acid 2-Pyridinecarboxylic acid, 3-hydroxy-
Inchi:	InChI=1S/C6H5NO3/c8-4-2-1-3-7-5(4)6(9)10/h1-3,8H,(H,9,10)
InchiKey:	BRARRAHGNDUELT-UHFFFAOYSA-N
Formula:	C6H5NO3
SMILES:	O=C(O)c1ncccc1O
Mol. weight [g/mol]:	139.11
CAS:	874-24-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.85		Crippen Method
logp	0.485		Crippen Method
mcvol	94.930	ml/mol	McGowan Method

Sources

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
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C874248&Units=SI

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/32-574-9/3-Hydroxypicolinic-acid.pdf>

Generated by Cheméo on 2024-04-23 16:36:44.734437583 +0000 UTC m=+16179453.655014898.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.