

2(1H)-Pyridinone, 6-hydroxy-

Other names:	2(1H)-Pyridone, 6-hydroxy- 2,6-Dihydroxypyridine 2,6-Pyridinediol pyridine-2,6-diol
Inchi:	InChI=1S/C5H5NO2/c7-4-2-1-3-5(8)6-4/h1-3H,(H2,6,7,8)
InchiKey:	WLFXSECCHULRRO-UHFFFAOYSA-N
Formula:	C5H5NO2
SMILES:	O=c1cccc(O)[nH]1
Mol. weight [g/mol]:	111.10
CAS:	626-06-2

Physical Properties

Property code	Value	Unit	Source
log10ws	0.34		Crippen Method
logp	-0.401		Crippen Method
mcvol	79.270	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=C626062&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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