

# «alpha»-Pyridoin

<b>Other names:</b>	Ethanone, 2-hydroxy-1,2-di-2-pyridinyl- Ketone, hydroxy-2-pyridylmethyl 2-pyridyl 2-hydroxy-1,2-di-2-pyridylethanone
<b>Inchi:</b>	InChI=1S/C12H10N2O2/c15-11(9-5-1-3-7-13-9)12(16)10-6-2-4-8-14-10/h1-8,11,15H
<b>InchiKey:</b>	ZKBDAJDDDOIASC-UHFFFAOYSA-N
<b>Formula:</b>	C12H10N2O2
<b>SMILES:</b>	O=C(c1ccccn1)C(O)c1ccccn1
<b>Mol. weight [g/mol]:</b>	214.22
<b>CAS:</b>	1141-06-6

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.00		Crippen Method
logp	1.393		Crippen Method
mcvol	159.820	ml/mol	McGowan Method

## Sources

<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C1141066&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C1141066&amp;Units=SI</a>

## Legend

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

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