

# Imidazole-4-carboxamide, 5-formamido-

<b>Inchi:</b>	InChI=1S/C5H6N4O2/c6-4(11)3-5(9-2-10)8-1-7-3/h1-2H,(H2,6,11)(H,7,8)(H,9,10)
<b>InchiKey:</b>	QOSKNVOAUSXSOS-UHFFFAOYSA-N
<b>Formula:</b>	C5H6N4O2
<b>SMILES:</b>	NC(=O)c1nc[nH]c1NC=O
<b>Mol. weight [g/mol]:</b>	154.13
<b>CAS:</b>	4919-05-5

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.41		Crippen Method
logp	-1.405		Crippen Method
mcvol	104.910	ml/mol	McGowan Method

## Sources

<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</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=C4919055&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C4919055&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

Latest version available from:

<https://www.chemeo.com/cid/116-669-1/Imidazole-4-carboxamide-5-formamido.pdf>

Generated by Cheméo on 2024-04-30 20:41:07.678589421 +0000 UTC m=+16798916.599166733.

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