

# Imidazole-4-carboxamide, 5-amino-n-(2-hydroxyethyl)-

<b>Inchi:</b>	InChI=1S/C6H10N4O2/c7-5-4(9-3-10-5)6(12)8-1-2-11/h3,11H,1-2,7H2,(H,8,12)(H,9,10)
<b>InchiKey:</b>	ARROQRZCBWPHHW-UHFFFAOYSA-N
<b>Formula:</b>	C6H10N4O2
<b>SMILES:</b>	Nc1[nH]cnc1C(=O)NCCO
<b>Mol. weight [g/mol]:</b>	170.17
<b>CAS:</b>	6950-30-7

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.12		Crippen Method
logp	-1.768		Crippen Method
mcvol	123.300	ml/mol	McGowan Method

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C6950307&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C6950307&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307I">http://pubs.acs.org/doi/abs/10.1021/ci990307I</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>

## 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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