

# 4-Imidazolecarboxamide, 5-(ethyl-1-triazeno)-

<b>Inchi:</b>	InChI=1S/C6H10N6O/c1-2-10-12-11-6-4(5(7)13)8-3-9-6/h3H,2H2,1H3,(H2,7,13)(H,8,9)(H,10)
<b>InchiKey:</b>	IZFBCYAIRQMECD-UHFFFAOYSA-N
<b>Formula:</b>	C6H10N6O
<b>SMILES:</b>	CCN=NNc1[nH]cnc1C(N)=O
<b>Mol. weight [g/mol]:</b>	182.18
<b>CAS:</b>	3413-73-8

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.30		Crippen Method
logp	-0.174		Crippen Method
mcvol	133.090	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=C3413738&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C3413738&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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