

# 1H-1,2,4-Triazol-3-amine, 1-ethyl-

<b>Other names:</b>	1H-1,2,4-Triazole-3-amine,1-ethyl-
<b>Inchi:</b>	InChI=1S/C4H8N4/c1-2-8-3-6-4(5)7-8/h3H,2H2,1H3,(H2,5,7)
<b>InchiKey:</b>	IBUMUBQOWFBTFU-UHFFFAOYSA-N
<b>Formula:</b>	C4H8N4
<b>SMILES:</b>	CCn1cnc(N)n1
<b>Mol. weight [g/mol]:</b>	112.13
<b>CAS:</b>	42786-04-9

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.90		Crippen Method
logp	-0.120		Crippen Method
mcvol	87.680	ml/mol	McGowan Method

## Sources

<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=C42786049&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C42786049&amp;Units=SI</a>
<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>

## 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/19-533-9/1H-1-2-4-Triazol-3-amine-1-ethyl.pdf>

Generated by Cheméo on 2024-04-28 21:44:50.725148591 +0000 UTC m=+16629939.645725902.

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