

# 9H-purine, 9-ethyl-6-hydrazino-

<b>Inchi:</b>	InChI=1S/C7H10N6/c1-2-13-4-11-5-6(12-8)9-3-10-7(5)13/h3-4H,2,8H2,1H3,(H,9,10,12)
<b>InchiKey:</b>	PLZNXQYAVUAQNV-UHFFFAOYSA-N
<b>Formula:</b>	C7H10N6
<b>SMILES:</b>	CCn1cnc2c(NN)ncnc21
<b>Mol. weight [g/mol]:</b>	178.19
<b>CAS:</b>	5427-21-4

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.85		Crippen Method
logp	0.132		Crippen Method
mcvol	130.450	ml/mol	McGowan Method

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C5427214&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C5427214&amp;Units=SI</a>
<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>

## 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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