

# 1H-Azepin-1-amine, hexahydro-

<b>Other names:</b>	N-Aminohexamethylenimine 1H-Azepine, 1-aminohexahydro- N-Aminohomopiperidine 1-Aminohexahydro-1H-azepine 1-Aminohexahydroazepine 1-Aminohexamethyleneimine 1-Aminoperhydroazepine 1,1-Hexamethylenehydrazine N-Aminohexamethyleneimine Aminohexamethyleneimine 1H-Azepine, hexahydro-1-amino- 1-Aminohomopiperidine N-Aminoazacycloheptane (Azepan-1-yl)amine 1-Aminoazepane Hexahydro-1H-azepin-1-amine NSC 82329 perhydroazepin-1-ylamine
<b>Inchi:</b>	InChI=1S/C6H14N2/c7-8-5-3-1-2-4-6-8/h1-7H2
<b>InchiKey:</b>	UGBKOURNNQREPE-UHFFFAOYSA-N
<b>Formula:</b>	C6H14N2
<b>SMILES:</b>	NN1CCCCC1
<b>Mol. weight [g/mol]:</b>	114.19
<b>CAS:</b>	5906-35-4

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.22		Crippen Method
logp	0.736		Crippen Method
mcpvol	104.500	ml/mol	McGowan Method
tb	438.20	K	NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C5906354&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**mcvol:** McGowan's characteristic volume  
**tb:** Normal Boiling Point Temperature

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