

# 1H-Pyrrolizine, hexahydro-

<b>Other names:</b>	Hexahydropyrrolizine Pyrrolizidine 1-Azabicyclo[3.3.0]octane
<b>Inchi:</b>	InChI=1S/C7H13N/c1-3-7-4-2-6-8(7)5-1/h7H,1-6H2
<b>InchiKey:</b>	ADRDEXBBJTUCND-UHFFFAOYSA-N
<b>Formula:</b>	C7H13N
<b>SMILES:</b>	C1CC2CCCN2C1
<b>Mol. weight [g/mol]:</b>	111.18
<b>CAS:</b>	643-20-9

## Physical Properties

Property code	Value	Unit	Source
chl	-4564.20 ± 3.00	kJ/mol	NIST Webbook
hf	-3.90	kJ/mol	NIST Webbook
hfl	-48.30 ± 3.10	kJ/mol	NIST Webbook
hvap	44.40	kJ/mol	NIST Webbook
hvap	44.40	kJ/mol	NIST Webbook
log10ws	-1.22		Crippen Method
logp	1.245		Crippen Method
mvol	97.750	ml/mol	McGowan Method

## Sources

<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>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C643209&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C643209&amp;Units=SI</a>

## Legend

chl: Standard liquid enthalpy of combustion

<b>hf:</b>	Enthalpy of formation at standard conditions
<b>hfl:</b>	Liquid phase enthalpy of formation at standard conditions
<b>hvap:</b>	Enthalpy of vaporization at standard conditions
<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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