

# cis-3-Azonoradamantane

**Inchi:** InChI=1S/C18H26N2/c1-11-3-15-4-12(1)8-17(15,7-11)19-20-18-9-13-2-14(10-18)6-16(18)  
**InchiKey:** SSNIMZWWZHLQOJ-VXPUYCOJSA-N  
**Formula:** C18H26N2  
**SMILES:** C1C2CC3CC1CC3(N=NC13CC4CC(CC1C4)C3)C2  
**Mol. weight [g/mol]:** 270.41  
**CAS:** 107454-73-9

## Physical Properties

Property code	Value	Unit	Source
hf	58.97	kJ/mol	Joback Method
hvap	58.89	kJ/mol	Joback Method
log10ws	-4.76		Crippen Method
logp	4.596		Crippen Method
mcvol	214.980	ml/mol	McGowan Method
pc	1730.34	kPa	Joback Method
tb	792.02	K	Joback Method
tc	1049.93	K	Joback Method

## Sources

**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)  
**Joback Method:** [https://en.wikipedia.org/wiki/Joback\\_method](https://en.wikipedia.org/wiki/Joback_method)  
**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C107454739&Units=SI>

## Legend

**hf:** Enthalpy of formation at standard conditions  
**hvap:** Enthalpy of vaporization at standard conditions  
**log10ws:** Log10 of Water solubility in mol/l

<b>logp:</b>	Octanol/Water partition coefficient
<b>mcvol:</b>	McGowan's characteristic volume
<b>pc:</b>	Critical Pressure
<b>tb:</b>	Normal Boiling Point Temperature
<b>tc:</b>	Critical Temperature

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