

# 4-Hydroxylupanine

**Inchi:** InChI=1S/C15H24N2O2/c18-12-6-14-10-5-11(9-17(14)15(19)7-12)13-3-1-2-4-16(13)8-10  
**InchiKey:** GIQKWLHFWBBSSV-UHFFFAOYSA-N  
**Formula:** C15H24N2O2  
**SMILES:** O=C1CC(O)CC2C3CC(CN12)C1CCCCN1C3  
**Mol. weight [g/mol]:** 264.36

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.71		Crippen Method
logp	0.842		Crippen Method
mcvol	206.170	ml/mol	McGowan Method
rmpol	2250.00		NIST Webbook
rmpol	2260.00		NIST Webbook
rmpol	2260.00		NIST Webbook

## 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)  
**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R109158&Units=SI>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**mcvol:** McGowan's characteristic volume  
**rmpol:** Non-polar retention indices

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