

# 7-Hydroxylupanine

**Inchi:** InChI=1S/C15H24N2O2/c18-14-6-3-4-12-11-8-15(19,10-17(12)14)13-5-1-2-7-16(13)9-11  
**InchiKey:** KKYBYUIURCANNKY-FLTxFBQSA-N  
**Formula:** C15H24N2O2  
**SMILES:** O=C1CCCC2C3CN4CCCC4C(O)(C3)CN12  
**Mol. weight [g/mol]:** 264.36

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.95		Crippen Method
logp	0.987		Crippen Method
mcvol	206.170	ml/mol	McGowan Method
rinpol	2265.00		NIST Webbook
rinpol	2275.00		NIST Webbook
rinpol	2270.00		NIST Webbook

## Sources

**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=R264087&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

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

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