

# Epiaphyllidine

**Other names:** 11-epi-Aphyllidine  
**Inchi:** InChI=1S/C15H22N2O/c18-15-12-9-11(13-5-2-4-8-17(13)15)10-16-7-3-1-6-14(12)16/h5,7-11,13-15,17-18/t11,13,15,17,18/m1  
**InchiKey:** UAAWNTMXVSONPU-YIZWMMSDSA-N  
**Formula:** C15H22N2O  
**SMILES:** O=C1C2CC(CN3CCCCC23)C2=CCCCN12  
**Mol. weight [g/mol]:** 246.35

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.57		Crippen Method
logp	1.997		Crippen Method
mcvol	196.000	ml/mol	McGowan Method
rinpol	2020.00		NIST Webbook
rinpol	2030.00		NIST Webbook
rinpol	2020.00		NIST Webbook
rinpol	2020.00		NIST Webbook
rinpol	2020.00		NIST Webbook

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R264210&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307I>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)

## 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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