

# Lycopodine

<b>Other names:</b>	Lycopodan-5-one, 15-methyl-, (15R)- Lycopodan-5-one, 16-methyl- Lycopodan-5-one, 16-methyl-, (16R)- 1,9-Ethanobenzo[i]quinolizine, lycopodan-5-one deriv.
<b>Inchi:</b>	InChI=1S/C16H25NO/c1-11-8-12-9-15(18)14-5-3-7-17-6-2-4-13(12)16(14,17)10-11/h11-
<b>InchiKey:</b>	BCZFSDNVXODRAJ-UHFFFAOYSA-N
<b>Formula:</b>	C16H25NO
<b>SMILES:</b>	<chem>CC1CC2CC(=O)C3CCCN4CCCC2C34C1</chem>
<b>Mol. weight [g/mol]:</b>	247.38
<b>CAS:</b>	466-61-5

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.09		Crippen Method
logp	2.866		Crippen Method
mcvol	204.410	ml/mol	McGowan Method
rinsol	2310.00		NIST Webbook

## 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=C466615&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C466615&amp;Units=SI</a>

## Legend

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

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