

# Eburnamenine-14-carboxylic acid, 14,15-dihydro-14-hydroxy-, methyl ester, (3«alpha»,14«alpha»,16«alpha»)-

Other names:

14-Epivincamine  
Epivincamine

16-Epivincamine

1H-Indolo[3,2,1-de]pyrido[3,2,1-ij][1,5]naphthyridine, eburnamenine-14-carboxylic acid, deriv

(-)-cis-Epivincamine

Eburnamine-14-carboxylic acid,14,15-dihydro-14-hydroxy-, methyl ester (3«alpha»,14«alpha»,16«alpha»)-

(3«alpha»,14«alpha»,16«alpha»)-14,15-dihydro-14-hydroxyeburnamenine-14-carboxylate

<b>Inchi:</b>	InChI=1S/C21H26N2O3/c1-3-20-10-6-11-22-12-9-15-14-7-4-5-8-16(14)23(17(15)18(20)2
<b>InchiKey:</b>	RXPRRQLKFXBCSJ-UHFFFAOYSA-N
<b>Formula:</b>	C21H26N2O3
<b>SMILES:</b>	CCC12CCCN3CCc4c(n(c5cccc45)C(O)(C(=O)OC)C1)C32
<b>Mol. weight [g/mol]:</b>	354.44
<b>CAS:</b>	6835-99-0

## Physical Properties

Property code	Value	Unit	Source
ie	7.38 ± 0.05	eV	NIST Webbook
log10ws	-4.84		Crippen Method
logp	2.953		Crippen Method
mvol	268.520	ml/mol	McGowan Method

## 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=C6835990&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C6835990&amp;Units=SI</a>

## Legend

**ie:** Ionization energy

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**mcvol:** McGowan's characteristic volume

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