

# Vincamine

## Other names:

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

Decincan

Devincan

Devinkan

Minorin

Minorine

Monorin

Pervincamine

Vincamin

Anasclerol (base)

Novicet

Tripervan

Vinca

Vinca-Ecobi

Vinca-Minor

Vincachron

Vincafolina

Vincagil

Vincamidol

Vincapan

Vincasaunier

Vincimax

Vinkametrin

Vinodrel retard

Anasclerol

Angiopac

Arteriovinca

14,15-Dihydro-14-hydroxyeburnamenine-14-carboxylic acid methyl ester

Equipur

Ocu-vinc

Oxygeron

Perval

Pervone

Vincadar

Vincafor

Vincapront

Alkaloid obtained from Vinca minor

1H-Indolo[3,2,1-de]pyrido[3,2,1-ij][1,5]naphthyridine, eburnamenine-14-carboxylic acid deriv  
(+)-cis-Vincamine

Methyl vincamine

cis-Vincamine

(3«alpha»,14«beta»,16«alpha»)-14,15-Dihydro-14-hydroxyeburnamenine-14-carboxylic acid, methyl ester

Sostenil

Vincafarm

Vincalen

Vinvasaunier

Vraap

**Inchi:**

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

**InchiKey:**

RXPRRQLKFXBCSJ-MNLRITNHSA-N

**Formula:**

C21H26N2O3

**SMILES:**

CCC12CCCN3CCc4c(n(c5cccc45)C(O)(C(=O)OC)C1)C32

**Mol. weight [g/mol]:**

354.44

**CAS:**

1617-90-9

## Physical Properties

Property code	Value	Unit	Source
ie	7.41 ± 0.05	eV	NIST Webbook
log10ws	-4.84		Crippen Method
logp	2.953		Crippen Method
mcvol	268.520	ml/mol	McGowan Method
rinpol	2762.00		NIST Webbook
rinpol	2762.00		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=C1617909&Units=SI>

## Legend

**ie:** Ionization energy  
**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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