



Formula: C<sub>21</sub>H<sub>26</sub>N<sub>2</sub>O<sub>3</sub>

MW: 354.45

CAS: 1617-90-9

TNP NUMBER: TNP00090

MDL NUMBER: MFCD01457192

Smiles: n12C(CC3(C4c1c(CCN4CCC3)c1c2cccc1)CC)(C(=O)OC)O

THERAPEUTIC CATEGORY: Vasodilator

ACCEPTORS: 3

DONORS: 1

ROTATION BONDS: 2

N+O: 5

Chiral Centers: 3

LogP: 5.33

LogS: -5.23

LIPINSKI: 4

Synonyms:

(+)-cis-Vincamine;(3alpha,14beta,16alpha)-14,15-Dihydro-14-hydroxyeburnamenine-14-carboxylic acidmethyl ester;(3alpha,14beta,16alpha)-Dihydro-14-hydroxyeburnamenine-14-carboxylic acid methyl ester;14,15-Dihydro-14-hydroxyeburnamenine-14-carboxylic acid methyl ester;14,15-dihydro-14-hydroxyeburnamenine-14-carboxylicacidmethylester;1H-Indolo[3,2,1-de]pyrido[3,2,1-ij][1,5]naphthyridine, eburnamenine-14-carboxylic acid deriv.;Alkaloid obtained from Vinca minor;Anasclerol

CAS:1617-90-9

MF:C21H26N2O3

MW:354.44

EINECS:216-576-3

Product Categories:Alkaloids;Biochemistry;Indole Alkaloids;AlkaloidAsymmetric Synthesis;Biochemicals Found in Plants;Chiral Building Blocks;Complex Molecules;Nutrition Research Vincamine

Chemical Properties: mp 232 C (dec.)(lit.) alpha 42.8 (c=1 in pyridine) storage temp. 2-8C Merck 9983 NIST Chemistry ReferenceVincamine(1617-90-9) Xn Risk Statements 22 Safety Statements 36 WGK Germany 3 RTECS YY8575000 Hazardous Substances Data1617-90-9(Hazardous Substances Data)

(3aS,5S,11S)-3a-Ethyl-5-hydroxy-1,2,3,3a,4,5,10,11b-octahydro-11H-5a,11a-diaza-benzo[cd]fluoranthene-5-carboxylic acid methyl ester Vincamine

Usage And Synthesis:

Chemical Properties: white to almost white fine crystalline powder Vincamine

