



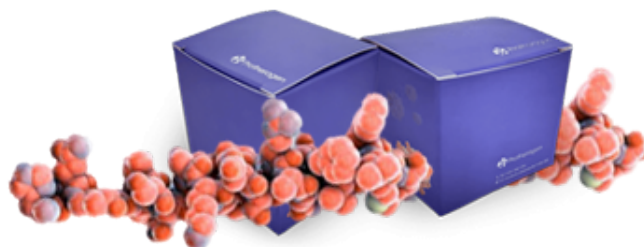
Vincamine

Cat. No.:	OB0225WX-2266
Appearance:	Solid
Purity:	≥99%
Identity:	Confirmed by NMR, HPLC, and LC-MS.
Size:	500 mg; 1 g; 2 g; 5 g; 10 g

This product is for research use only and is not intended for diagnostic use.

Product Overview

Description	Vincamine is a primary indole alkaloid derived from <i>Vinca minor</i> L. that acts as a vasodilator and modulates cerebrovascular blood flow.
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Synonym	Angiopac; Oxybral; Devincan; Novicet; Equipur; Pervinal; 1617-90-9; Pervincamine; Devincan; Arteriovinca; Angiopac; Minorine; Vincamidol; (+)-Vincamine; Oxygeron; Vincafor; Vincagil; Vincamin; Minorin; Novicet; Methyl vincamate; Anasclerol; Vincafolina; Vincapront; Vincasaunier; Vinkametrin; Decincan; Devinkan; Equipur; Tripervan; Vincadar; Vincimax; Pervial; Pervone; Ocu-vinc; Vincamina; Vincaminu m; Vraap; Cetal retard; Vincachron; Vincapan; Minorin; Vinodrel retard; Vinca-Ec obi; Vinca-Minor; Alkaloid obtained from Vinca minor; 14,15-Dihydro-14-hydroxyeburnamenine-14-carboxylic acid methyl ester; Eburnamenine-14-carboxylic acid, 14, 15-dihydro-14-hydroxy-, methyl ester, (3alpha,14beta,16alpha)-; Eburnamenine-14-carboxylic acid, 14,15-dihydro-14-hydroxy-, methyl ester, (3alpha,14beta,16.); Eburnamenine-14-carboxylic acid, 14,15-dihydro-14-hydroxy-, methylester, (3a,14b, 16a)-; Cerebroxine; Methyl 14beta-hydroxy-14,15-dihydro-3alpha,16alpha-eburnamenine-14alpha-carboxylate; Vinvasaunier; Sostenil; Vincafarm; Vincalen; methyl (15S,17S,19S)-15-ethyl-17-hydroxy-1,11-diazapentacyclo[9.6.2.0 2,7.08,18.015,19]nonadeca-2,4,6,8(18)-tetraene-17-carboxylate; cis-Vincamine; Vincamine base; Methyl (15S,17S,19S)-15-ethyl-17-hydroxy-1,11-diazapentacyclo[9.6.2.0^{2,7}.0^{8,18}.0^{15,19}]nonadeca-2,4,6,8(18)-tetraene-17-carboxylate; Eburnamenine-14-carboxylic acid, 14,15-dihydro-14-hydroxy-, methyl ester, (3.alpha.,14.beta.,16.alpha.)-; Methyl (15S,17S,19S)-15-ethyl-17-hydroxy-1,11-diazapentacyclo(9.6.2.0^{(2,7)}.0^{(8,18)}.0^{(15,19)})nonadeca-2,4,6,8(18)-tetraene-17-carboxylate; Methyl (15S,17S,19S)-15-ethyl-17-hydroxy-1,11-diazapentacyclo(9.6.2.02,7.08,18.015,19)nonadeca-2,4,6,8(18)-tetraene-17-carboxylate
CAS No.	1617-90-9
Compound CID	15376
Formula	C ₂₁ H ₂₆ N ₂ O ₃
Formula Weight	354.44

Specification

Relative Density	1.1640 g/cm ³
IUPAC Name	Methyl (15S,17S,19S)-15-ethyl-17-hydroxy-1,11-diazapentacyclo[9.6.2.02,7.08,18.015,19]nonadeca-2,4,6,8(18)-tetraene-17-carboxylate
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)22)21(25,13-20)19(24)26-2/h4-5,7-8,18,25H,3,6,9-13H2,1-2H3/t18-,20+,21+/m1/s1
InChI Key	RXPRRLQKFXBCSJ-GVXPXCGWSA-N
SMILES string	CC[C@@]12CCCN3[C@@H]1C4=C(CC3)C5=CC=CC=C5N4[C@](C2)(C(=O)OC)O
Stability	3 years in powder form.
Storage	Storage at -20°C.
Applications	Vincamine is applied in neurological and vascular research as a natural alkaloid to study its peripheral vasodilatory effects and its capacity to improve cerebral blood flow and metabolic activity.

Library Information

Target	GPR
Receptor	GPR40
Pathways	Endocrinology/Hormones; GPCR/G protein signaling
Plate Number	AOCL-30
Plate Location	a4
Empty Location	a1-h1; a12-h12
Container	96-well plate
Formulation	10mM DMSO
DMSO Max Solubility	8.57 mg/mL; 24.18 mM