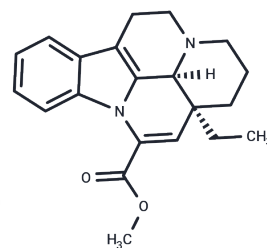


Apovincamine

Chemical Properties

CAS No. :	4880-92-6
Formula:	C ₂₁ H ₂₄ N ₂ O ₂
Molecular Weight:	336.44
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Apovincamine is a vinca alkaloid and a chemical precursor of Vinpocetine, which is a derivative of Vincamine with vasodilating activity.
Targets(IC50)	Others, Tyrosinase

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9723 mL	14.8615 mL	29.723 mL
5 mM	0.5945 mL	2.9723 mL	5.9446 mL
10 mM	0.2972 mL	1.4861 mL	2.9723 mL
50 mM	0.0594 mL	0.2972 mL	0.5945 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

- Solovyeva EY, Karneev AN, Chekanov AV, Baranova OA, Choi IV. [Complex application 2-ethyl-6-methyl-3-hydroxypyridine-succinate and vinpocetine in cerebrovascular disorder.]. Zh Nevrol Psikhiatr Im S S Korsakova. 2017;117(5):103-108. doi: 10.17116/jnevro201711751103-108. Review. Russian. PubMed PMID: 28638040.
- Feher G, Koltai K, Kesmarky G, Horvath B, Toth K, Komoly S, Szapary L. Effect of parenteral or oral vinpocetine on the hemorheological parameters of patients with chronic cerebrovascular diseases. Phytomedicine. 2009 Mar;16(2-3):111-7. doi: 10.1016/j.phymed.2008.10.014. Epub 2009 Jan 8. PubMed PMID: 19135345.
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