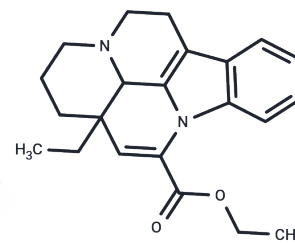


Vinpocetine

Chemical Properties

CAS No. :	42971-09-5
Formula:	C ₂₂ H ₂₆ N ₂ O ₂
Molecular Weight:	350.45
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Vinpocetine (RGH-4405) is a selective inhibitor of cyclic GMP phosphodiesterase (PDE).
Targets(IC50)	NF-κB, IκB/IKK, PDE, Sodium Channel

Solubility Information

Solubility	Ethanol: 17.5 mg/mL (49.94 mM), Sonication is recommended. DMSO: 8.68 mg/mL (24.77 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8535 mL	14.2674 mL	28.5347 mL
5 mM	0.5707 mL	2.8535 mL	5.7069 mL
10 mM	0.2853 mL	1.4267 mL	2.8535 mL
50 mM	0.0571 mL	0.2853 mL	0.5707 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

Medina AE, et al. Proc Natl Acad Sci U S A. 2010 Jun 1; 107(22):9921-2.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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