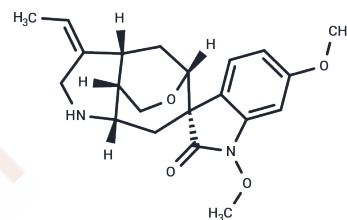


Humantenirine

Chemical Properties

CAS No. :	82375-30-2
Formula:	C ₂₁ H ₂₆ N ₂ O ₄
Molecular Weight:	370.44
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	Humantenirine is an indolone alkaloid discovered in <i>Gelsemium elegans</i> , suitable for biochemical experiments and drug synthesis research.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6995 mL	13.4975 mL	26.9949 mL
5 mM	0.5399 mL	2.6995 mL	5.399 mL
10 mM	0.2699 mL	1.3497 mL	2.6995 mL
50 mM	0.054 mL	0.2699 mL	0.5399 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

- Schun Y, et al. Cytotoxic steroids of *Gelsemium sempervirens*. *J Nat Prod.* 1987;50(2):195-198.
 Qi XJ, et al. Metabolic profile and tissue distribution of Humantenirine, an oxindole alkaloid from *Gelsemium*, after oral administration in rats. *J Chromatogr B Analyt Technol Biomed Life Sci.* 2021;1181:122901.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481