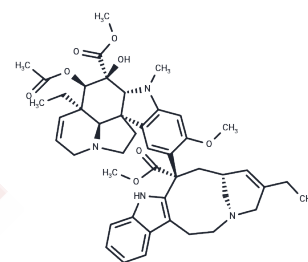


Anhydrovinblastine

Chemical Properties

CAS No. :	38390-45-3
Formula:	C ₄₆ H ₅₆ N ₄ O ₈
Molecular Weight:	792.96
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	3', 4'-Anhydrovinblastine (3',4'-Anhydrovinblastine) is an antineoplastic agent.
Targets(IC50)	Others

Solubility Information

Solubility	Chloroform: Soluble, 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	1.2611 mL	6.3055 mL	12.611 mL
5 mM	0.2522 mL	1.2611 mL	2.5222 mL
10 mM	0.1261 mL	0.6305 mL	1.2611 mL
50 mM	0.0252 mL	0.1261 mL	0.2522 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

- Goodbody A, et al. The coupling of catharanthine and vindoline to form 3',4'-anhydrovinblastine by haemoproteins and haemin.[J]. *Planta Medica*, 1988, 54(03):210-214.
- Zhou M L, et al. Production and metabolic engineering of terpenoid indole alkaloids in cell cultures of the medicinal plant *Catharanthus roseus* (L.) G. Don (Madagascar periwinkle).[J]. *Biotechnology & Applied Biochemistry*, 2011, 52(4):313-323.

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