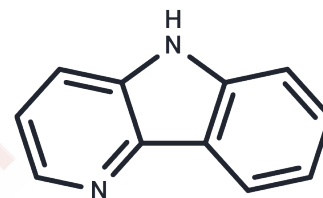


5H-Pyrido[3,2-b]indole

Chemical Properties

CAS No. :	245-08-9
Formula:	C ₁₁ H ₈ N ₂
Molecular Weight:	168.2
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	5H-Pyrido[3,2-b]indole inhibits Plasmodium falciparum and Trypanosoma cruzi, exhibits cytotoxicity toward L6 cells, and is widely used in biochemical experiments and drug synthesis research.
Targets(IC50)	Antibiotic,Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.9453 mL	29.7265 mL	59.453 mL
5 mM	1.1891 mL	5.9453 mL	11.8906 mL
10 mM	0.5945 mL	2.9727 mL	5.9453 mL
50 mM	0.1189 mL	0.5945 mL	1.1891 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

Arzel E, et al. New synthesis of benzo-delta-carbolines, cryptolepines, and their salts: in vitro cytotoxic, antiplasmodial, and antitrypanosomal activities of delta-carbolines, benzo-delta-carbolines, and cryptolepines. J Med Chem. 2001 Mar 15;44(6):949-60.

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