

Herquiline A

Chemical Properties

CAS No. :	71812-08-3
Formula:	C ₁₉ H ₂₆ N ₂ O ₂
Molecular Weight:	314.429
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	Herquiline A is an alkaloid fungal metabolite originally isolated from <i>P. herquei</i> . It inhibits cell death induced by influenza A strain A/PR/8/34 in MDCK cells with an IC ₅₀ value of 10 µg/ml and inhibits viral replication in a plaque assay in a concentration-dependent manner. Herquiline A also inhibits platelet aggregation induced by ADP and platelet-activating factor (PAF) in vitro (IC ₅₀ s = 180 and 240 µM, respectively).
Targets(IC ₅₀)	Others, Influenza Virus

Solubility Information

Solubility	Methanol: Soluble Ethanol: 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	3.1804 mL	15.9018 mL	31.8036 mL
5 mM	0.6361 mL	3.1804 mL	6.3607 mL
10 mM	0.318 mL	1.5902 mL	3.1804 mL
50 mM	0.0636 mL	0.318 mL	0.6361 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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