

## Haemanthamine hydrochloride

## Chemical Properties

CAS No. :

Formula: C17H20ClNO4

Molecular Weight: 337.8

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	Haemanthamine hydrochloride, a crinine-type alkaloid derived from Amaryllidaceae plants, exhibits potent anticancer properties. It acts by targeting ribosomes, thereby inhibiting protein biosynthesis during the translation elongation stage. Additionally, this compound demonstrates pro-apoptotic, antioxidant, antiviral, antimalarial, and anticonvulsant activities [1] [2].
Targets(IC50)	Apoptosis,Others,Parasite,Influenza Virus

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9603 mL	14.8017 mL	29.6033 mL
5 mM	0.5921 mL	2.9603 mL	5.9207 mL
10 mM	0.296 mL	1.4802 mL	2.9603 mL
50 mM	0.0592 mL	0.296 mL	0.5921 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.

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