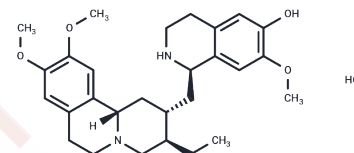


## Cephaeline hydrochloride

## Chemical Properties

CAS No. :	3738-70-3
Formula:	C <sub>28</sub> H <sub>39</sub> ClN <sub>2</sub> O <sub>4</sub>
Molecular Weight:	503.07
Storage:	Store at low temperature Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Cephaeline hydrochloride, a phenolic alkaloid found in Indian Ipecac, effectively inhibits the infection of viruses ZIKV and EBOV.
Targets(IC50)	Anti-infection, Influenza Virus, Virus Protease

## Solubility Information

Solubility	DMSO: 50 mg/mL (99.39 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9878 mL	9.939 mL	19.8779 mL
5 mM	0.3976 mL	1.9878 mL	3.9756 mL
10 mM	0.1988 mL	0.9939 mL	1.9878 mL
50 mM	0.0398 mL	0.1988 mL	0.3976 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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