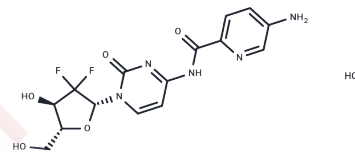


## Viral polymerase-IN-1 hydrochloride

## Chemical Properties

CAS No. : 2367587-02-6  
 Formula: C<sub>15</sub>H<sub>16</sub>ClF<sub>2</sub>N<sub>5</sub>O<sub>5</sub>  
 Molecular Weight: 419.77  
 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	Viral polymerase-IN-1 hydrochloride, a derivative of Gemcitabine, effectively inhibits influenza A and B virus infections with IC <sub>90</sub> values between 11.4 and 15.9 μM, and shows activity against SARS-CoV-2 infection by interfering with viral RNA replication/transcription within cells [1].
Targets(IC <sub>50</sub> )	Others, Influenza Virus, SARS-CoV

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3823 mL	11.9113 mL	23.8226 mL
5 mM	0.4765 mL	2.3823 mL	4.7645 mL
10 mM	0.2382 mL	1.1911 mL	2.3823 mL
50 mM	0.0476 mL	0.2382 mL	0.4765 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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