

HBV-IN-36

## Chemical Properties

CAS No. :

Formula: C<sub>21</sub>H<sub>18</sub>ClFN<sub>4</sub>O<sub>2</sub>

Molecular Weight: 412.84

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	HBV-IN-36 (also known as compound 42) is a hepatitis B virus (HBV) inhibitor with an IC <sub>50</sub> of 2 µM, exhibiting anti-HBV activity characterized by an EC <sub>50</sub> of 0.58 µM [1].
Targets(IC <sub>50</sub> )	HBV

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4222 mL	12.1112 mL	24.2225 mL
5 mM	0.4844 mL	2.4222 mL	4.8445 mL
10 mM	0.2422 mL	1.2111 mL	2.4222 mL
50 mM	0.0484 mL	0.2422 mL	0.4844 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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