

HBV-IN-48

Chemical Properties

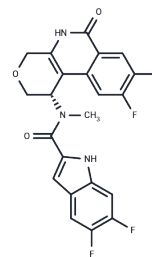
CAS No. : 2743466-04-6

Formula: C₂₂H₁₅F₄N₃O₃

Molecular Weight: 445.37

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-48, an HBV inhibitor, exhibits potent antiviral activity against HBV in HepDE19 cells, demonstrated by its EC 50 value of 0.005 µM. Additionally, it effectively reduces serum HBV DNA levels in mouse models of HBV infection.
Targets(IC50)	DNA/RNA Synthesis,HBV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2453 mL	11.2266 mL	22.4532 mL
5 mM	0.4491 mL	2.2453 mL	4.4906 mL
10 mM	0.2245 mL	1.1227 mL	2.2453 mL
50 mM	0.0449 mL	0.2245 mL	0.4491 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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