

HBV-IN-9

Chemical Properties

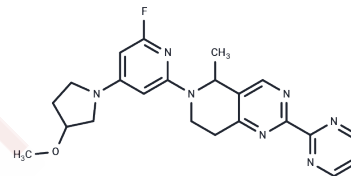
CAS No. : 2170998-69-1

Formula: C₂₂H₂₄FN₇O

Molecular Weight: 421.47

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-9 (example 20) is a potent inhibitor of HBsAg (HBV surface antigen) with an IC ₅₀ of 10 nM and also inhibits HBV DNA replication with an IC ₅₀ of 0.15 nM. |
| Targets(IC ₅₀) | Others,HBV |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.3726 mL | 11.8632 mL | 23.7265 mL |
| 5 mM | 0.4745 mL | 2.3726 mL | 4.7453 mL |
| 10 mM | 0.2373 mL | 1.1863 mL | 2.3726 mL |
| 50 mM | 0.0475 mL | 0.2373 mL | 0.4745 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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