

HBV-IN-52

Chemical Properties

CAS No. :

Formula: C₁₂H₁₃IN₄O₃

Molecular Weight:

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-52 is a selective inhibitor of HBV and a derivative of Neplanocin A, displaying significant anti-hepatitis B virus replication activity with an EC ₅₀ of 0.96 μM. It also suppresses the secretion of hepatitis B surface antigen (HBsAg) with an EC ₅₀ of 0.82 μM. HBV-IN-52 is useful for studying chronic hepatitis B (CHB) infection.
Targets(IC ₅₀)	HBV
In vitro	HBV-IN-25 (Compound 4g) exhibits selective inhibition of HBV gene replication with an EC ₅₀ value of 0.96 μM and demonstrates the ability to inhibit HBsAg secretion with an EC ₅₀ value of 0.82 μM. In HepG2.2.15.7 cells, it maintains a CC ₅₀ greater than 100 μM.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481