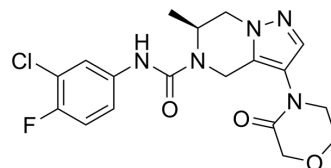


HBV-IN-41

Cat. No.:	HY-156272
CAS No.:	1967002-25-0
Molecular Formula:	C ₁₈ H ₁₉ ClFN ₅ O ₃
Molecular Weight:	407.83
Target:	HBV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	HBV-IN-41 (compound 45) is a potent and orally active Hepatitis B Virus (HBV) inhibitor, with an EC ₅₀ of 0.027 μM ^[1] .
In Vivo	HBV-IN-41 (compound 45) (20 mg/kg, orally, twice a day (BID) for one week) demonstrates inhibition of HBV DNA viral load in a HBV AAV (Adeno-associated virus) mouse model by oral administration ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Kou B, et al. Discovery of 4,5,6,7-Tetrahydropyrazolo[1,5-a]pyridine Derivatives as Core Protein Allosteric Modulators (CpAMs) for the Inhibition of Hepatitis B Virus. *J Med Chem.* 2023 Oct 6.

Caution: Product has not been fully validated for medical applications. For research use only.

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