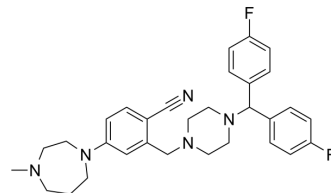


HCV-IN-37

Cat. No.:	HY-144110
CAS No.:	2425804-98-2
Molecular Formula:	C ₃₁ H ₃₅ F ₂ N ₅
Molecular Weight:	515.64
Target:	HCV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	HCV-IN-37 (Compound 3d) is a potent inhibitor of HCV. HCV-IN-37 is orally available and long-lasting in rat plasma after oral administration to rats by a single dose of 15 mg/kg. The high potency of active derivative HCV-IN-37 is primarily driven by the inhibitory effect on the virus entry stage ^[1] .
IC ₅₀ & Target	EC ₅₀ : 0.005 ± 0.005 μM (HCV) ^[1]

REFERENCES

[1]. Wang Y, et al. Design, Synthesis, and Biological Evaluation of 2-((4-Bisaryl)methyl-piperazin-1-yl)methyl)benzimidazole Derivatives as HCV Entry Inhibitors. J Med Chem. 2022 Feb 10;65(3):2107-2121.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA