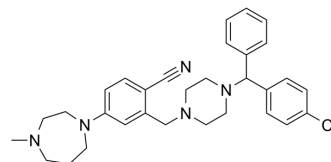


HCV-IN-34

Cat. No.:	HY-144107
CAS No.:	2425805-22-5
Molecular Formula:	C ₃₁ H ₃₆ ClN ₅
Molecular Weight:	514.1
Target:	HCV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	HCV-IN-34 (compound 3i) is an orally active and potent HCV entry inhibitor. HCV-IN-35 shows excellent antiviral activity, with an EC ₅₀ of 0.010 μM and a CC ₅₀ (half-maximal cytotoxic concentration) of 8.23 μM ^[1] .
IC ₅₀ & Target	EC ₅₀ : 0.010 ± 0.003 μM (HCV) ^[1]

REFERENCES

[1]. Wang Y, Li J, Tan J, Yang B, Quan Y, Peng Z, Li Y, Li Z. 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.

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