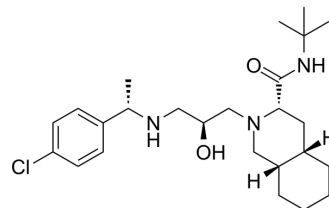


EBOV-GP-IN-1

Cat. No.:	HY-150756
CAS No.:	3032283-85-2
Molecular Formula:	C ₂₅ H ₄₀ ClN ₃ O ₂
Molecular Weight:	450.06
Target:	Filovirus
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	EBOV-GP-IN-1 (Compound 28) is a potent Ebola entry inhibitor with an IC ₅₀ of 0.05 μM against Ebola virus envelope glycoprotein (EBOV-GP) ^[1] .
IC₅₀ & Target	IC ₅₀ : 0.05 μM (EBOV-GP), 3.02 μM (VSV-G) ^[1]
In Vitro	EBOV-GP-IN-1 (Compound 28) (0-80 μM, 2 days) shows cytotoxicity with a CC ₅₀ of 5.10 ± 1.56 μM for Huh7 cells in pseudotyped virus assay ^[1] . EBOV-GP-IN-1 exhibits remarkable selectivity between EBOV-GP and VSV-G (vesicular stomatitis virus glycoprotein) (Spec. Index = 58) ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Han S, et al. Discovery of potent ebola entry inhibitors with (3S,4aS,8aS)-2-(3-amino-2-hydroxypropyl) decahydroisoquinoline-3-carboxamide scaffold. Eur J Med Chem. 2022 Jul 14;240:114608.

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

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