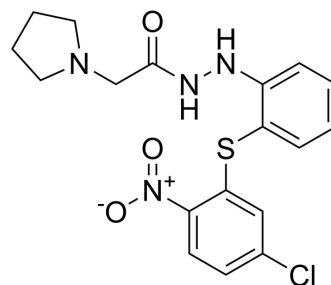


EBOV-IN-7

Cat. No.:	HY-160882
CAS No.:	68207-16-9
Molecular Formula:	C ₁₈ H ₁₉ ClN ₄ O ₃ S
Molecular Weight:	406.89
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	EBOV-IN-7 (compound 26) is an inhibitor of the Ebola virus EBOV with an IC ₅₀ of 2.04 μM against EBOV-GP pseudotyped virus (pEBOV). EBOV-IN-7 has inhibitory effects on cancer cells and inhibits the EBOV-GPcl/NPC1 interaction. ^{[8][1]}
IC₅₀ & Target	Ebola virus ^[1]
In Vitro	EBOV-IN-7 (compound 26) has a CC ₅₀ of 60 μM on HeLa cells and low cytotoxicity on Vero cells with a CC ₅₀ >100 μM ^[1] . EBOV-IN-7 (50 μM) significantly interferes with EBOV - GPcl/NPC1 interaction, IC ₅₀ against EBOV-GP-pseudotyped virus (pEBOV) is 2.04 μM ^[1] . EBOV-IN-7 IC ₅₀ against African swine fever virus ASFV is 15.75 μM ^[1] .br / MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Lasala F, et al. Identification of potential inhibitors of protein-protein interaction useful to fight against Ebola and other highly pathogenic viruses. Antiviral Res. 2021 Feb;186:105011.

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

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