Product Data Sheet

Influenza A virus-IN-8

MedChemExpress

®

Cat. No.:	HY-149034
Molecular Formula:	$C_{104}H_{142}N_{28}O_{24}S$
Molecular Weight:	2200.48
Target:	Influenza Virus
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

uenza A Virus y. Influenza A M ^[1] .			
Influenza A virus-IN-8 (5 μM; 72 h) does not affect viability of HeLa and MDCKI cells ^[1] . Influenza A virus-IN-8 (5 μM; 24 h) shows neutralizing effect on H1N1pdm09 and H5N1 in a dose-dependent manner ^[1] . Influenza A virus-IN-8 (5 nM; 2 h) binds to a conserved region in the HA stem with K _d of 1.0 nM for H1 variants ^[1] . Influenza A virus-IN-8 (5 μM; 1 h) inhibits HA fusion activity during entry by stabilizing the prefusion conformation ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only. Cell Viability Assay ^[1]			
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1 H1)			

Result:	Decreased the staining of full length, membrane-bound H1 HA expressed on the surface MDCK cells, and binded to a conserved region in the HA stem with K _d of 1.0 nM.
Cell Viability Assay ^[1]	
Cell Line:	MDCKI cells
Concentration:	5 μΜ
Incubation Time:	1 h
Result:	Exhibited aeffect on surpressing HA fusion activity during entry by stabilizing the prefusi conformation in MDCKI cells.

REFERENCES

[1]. Pascha MN, et al. Inhibition of H1 and H5 Influenza A Virus Entry by Diverse Macrocyclic Peptides Targeting the Hemagglutinin Stem Region. ACS Chem Biol. 2022 Aug 4.

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

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