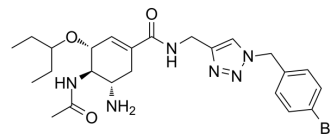


Neuraminidase-IN-9

Cat. No.:	HY-146306
CAS No.:	2217630-64-1
Molecular Formula:	C ₂₄ H ₃₃ BrN ₆ O ₃
Molecular Weight:	533.46
Target:	Influenza Virus
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Neuraminidase-IN-9 (Compound 6l) is a potent influenza neuraminidase inhibitor with IC ₅₀ values of 0.12, 0.049 and 0.16 μM against H5N1, H5N2 and H5N6, respectively ^[1] .
IC ₅₀ & Target	IC ₅₀ : 0.049 μM (H5N2), 0.12 μM (H5N1), 0.16 μM (H5N6) ^[1] EC ₅₀ : 0.43 μM (H5N2), 2.45 μM (H5N1), 2.8 μM (H5N6) ^[1]

REFERENCES

[1]. Ju H, et al. Discovery of novel 1,2,3-triazole oseltamivir derivatives as potent influenza neuraminidase inhibitors targeting the 430-cavity. Eur J Med Chem. 2020 Feb 1;187:111940.

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