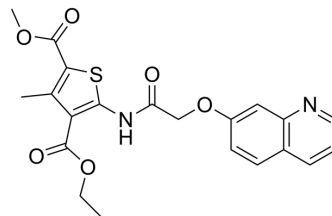


Neuraminidase-IN-4

Cat. No.:	HY-144103
Molecular Formula:	C ₂₁ H ₂₀ N ₂ O ₆ S
Molecular Weight:	428.46
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-4 (Compound 4b) is a potent inhibitor of neuraminidase with an EC₅₀ of 1.59 μM. Neuraminidase (NA) is an important target for the research of influenza. Neuraminidase-IN-4 exhibits excellent antiviral activity against A/chicken/Hubei/327/2004 (H5N1-DW)^[1].

REFERENCES

[1]. Zhong ZJ, et al. Discovery of novel thiophene derivatives as potent neuraminidase inhibitors. *Eur J Med Chem.* 2021;225:113762.

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

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