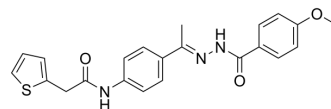


Neuraminidase-IN-19

Cat. No.:	HY-163521
Molecular Formula:	C ₂₂ H ₂₁ N ₃ O ₃ S
Molecular Weight:	407.49
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-19 (compound 5n) is an inhibitor (IC ₅₀ : 0.13 μM) of neuraminidase with a thiophene ring (neuraminidase) and has anticancer activity. ^{[17][1]}
IC ₅₀ & Target	IC ₅₀ : 0.13 μM (neuraminidase) ^[1]
In Vitro	The CC ₅₀ of Neuraminidase-IN-19 on human A549 cells is 37.62 μM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Fu SK, et al. Discovery and synthesis of novel benzoylhydrazone neuraminidase inhibitors. *Bioorg Med Chem Lett*. 2024 Jun 1;105:129743.

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

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