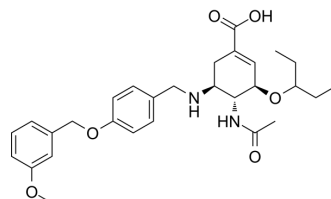


Neuraminidase-IN-2

Cat. No.:	HY-131983
CAS No.:	2599015-44-6
Molecular Formula:	C ₂₉ H ₃₈ N ₂ O ₆
Molecular Weight:	510.62
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-2 is an anti-influenza compounds with IC ₅₀ values of 0.28, 0.27, 11.50, 0.089 and 23.44 μM for H1N1, 09H1N1, H3N2, H5N1 and H5N2, respectively. Neuraminidase-IN-2 has antiviral activity and low cytotoxicity ^[1] .
In Vivo	Neuraminidase-IN-2 (Compound 5c) (1 g/kg; i.g.; single dose) shows low toxicity to mice and insignificantly increases the weight of mouse ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Jia R, et al. Discovery of highly potent and selective influenza virus neuraminidase inhibitors targeting 150-cavity. *Eur J Med Chem.* 2021 Feb 15;212:113097.

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

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