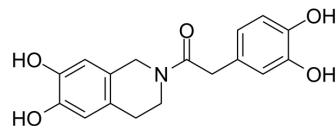


Influenza virus-IN-2

Cat. No.:	HY-143493
CAS No.:	2411584-06-8
Molecular Formula:	C ₁₇ H ₁₇ NO ₅
Molecular Weight:	315.32
Target:	Influenza Virus
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description Influenza virus-IN-2 (compound 19) is a potent influenza virus inhibitor with an EC₅₀ of 2.58 μM and CC₅₀ of 150.85 μM. Influenza virus-IN-2 shows a concentration dependent inhibition activity for PA_N endonuclease with EC₅₀ of 489.39 nM. Influenza virus-IN-2 shows anti-influenza A virus activities^[1].

IC₅₀ & Target EC₅₀: 2.58 μM (influenza virus); CC₅₀: 150.85 μM (influenza virus)^[1]

REFERENCES

[1]. Liao Y, et al. Synthesis and SARs of dopamine derivatives as potential inhibitors of influenza virus PAN endonuclease. Eur J Med Chem. 2020 Mar 1;189:112048.

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

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