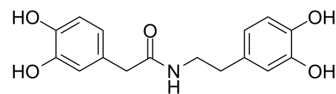


## Influenza virus-IN-1

Cat. No.:	HY-143492
CAS No.:	108729-21-1
Molecular Formula:	C <sub>16</sub> H <sub>17</sub> NO <sub>5</sub>
Molecular Weight:	303.31
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-1 (compound 14) is a potent influenza A virus inhibitor with an EC <sub>50</sub> of 2.46 μM and CC <sub>50</sub> of >200 μM. Influenza virus-IN-1 shows a concentration dependent inhibition activity for PA <sub>N</sub> endonuclease with EC <sub>50</sub> of 312.36 nM. Influenza virus-IN-1 shows anti-influenza A virus activities <sup>[1]</sup> .
IC <sub>50</sub> & Target	EC <sub>50</sub> : 2.46 μM (influenza virus); CC <sub>50</sub> : >200 μM (influenza virus) <sup>[1]</sup>

### 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.**

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