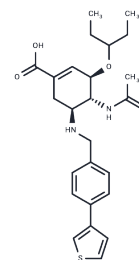


## Influenza virus-IN-3

### Chemical Properties

CAS No. : 2412451-16-0  
Formula: C<sub>25</sub>H<sub>32</sub>N<sub>2</sub>O<sub>4</sub>S  
Molecular Weight: 456.6  
Appearance: no data available  
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



### Biological Description

|             |                                                                                                                                                                                                                                                                                                                                                                            |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | Influenza virus-IN-3 (compound 9) is a potent inhibitor of selective influenza viruses, acting on H5N1 (IC <sub>50</sub> : 0.88 μM), H5N2 (IC <sub>50</sub> : 0.10 μM), H5N6 (IC <sub>50</sub> : 5.5 μM), H5N8 (IC <sub>50</sub> : 0.51 μM). Influenza virus-IN-3 has antiviral and NA (neuraminidase) inhibitory effects and low cytotoxicity (CC <sub>50</sub> >200 μM). |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg      |
|-------|-----------|------------|-----------|
| 1 mM  | 2.1901 mL | 10.9505 mL | 21.901 mL |
| 5 mM  | 0.438 mL  | 2.1901 mL  | 4.3802 mL |
| 10 mM | 0.219 mL  | 1.0951 mL  | 2.1901 mL |
| 50 mM | 0.0438 mL | 0.219 mL   | 0.438 mL  |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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