

RSV/IAV-IN-3

## Chemical Properties

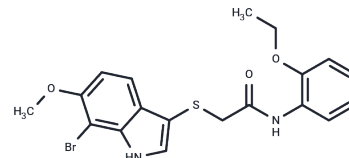
CAS No. : 2395007-81-3

Formula: C<sub>19</sub>H<sub>19</sub>BrN<sub>2</sub>O<sub>3</sub>S

Molecular Weight: 435.33

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

|             |                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | RSV/IAV-IN-3 (compound 14'i) is a dual inhibitor of respiratory syncytial virus (RSV) (EC <sub>50</sub> : 2.92 μM) and influenza A virus (IAV) (EC <sub>50</sub> : 1.90 μM). RSV/IAV-IN-3 significantly inhibited luciferase activity in a dose-dependent manner (EC <sub>50</sub> : 3.89 μM). RSV/IAV-IN-3 inhibited IAV infection and RdRp activity, and inhibited IAV and RSV replication during the post-entry phase. |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.2971 mL | 11.4855 mL | 22.9711 mL |
| 5 mM  | 0.4594 mL | 2.2971 mL  | 4.5942 mL  |
| 10 mM | 0.2297 mL | 1.1486 mL  | 2.2971 mL  |
| 50 mM | 0.0459 mL | 0.2297 mL  | 0.4594 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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