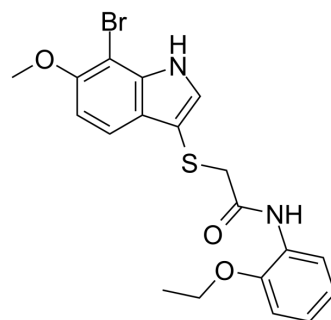


## RSV/IAV-IN-3

Cat. No.:	HY-143494
CAS No.:	2395007-81-3
Molecular Formula:	C <sub>19</sub> H <sub>19</sub> BrN <sub>2</sub> O <sub>3</sub> S
Molecular Weight:	435.33
Target:	RSV; Influenza Virus
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

RSV/IAV-IN-3 (compound 14'i) is a dual inhibitor of respiratory syncytial virus (RSV) and influenza A virus (IAV) with EC<sub>50</sub> values of 2.92 μM and 1.90 μM, respectively. RSV/IAV-IN-3 has antiviral effect against H1N1 and H3N2 with EC<sub>50</sub> values of 3.25 μM and 1.50 μM in MDCK cells, respectively. RSV/IAV-IN-3 significantly inhibits the activity of luciferase in a dose-dependent manner, with an EC<sub>50</sub> of 3.89 μM. RSV/IAV-IN-3 inhibits IAV infectivity and RdRp activity. RSV/IAV-IN-3 inhibits IAV and RSV replication at the post-entry stage<sup>[1]</sup>.

## REFERENCES

[1]. Guo-Ning Zhang, et al. Design and synthesis of 2-((1H-indol-3-yl)thio)-N-phenyl-acetamides as novel dual inhibitors of respiratory syncytial virus and influenza virus A. Eur J Med Chem. 2020 Jan 15;186:111861.

**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