

RSV/IAV-IN-3

Chemical Properties

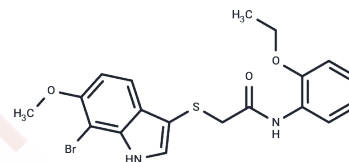
CAS No. : 2395007-81-3

Formula: C₁₉H₁₉BrN₂O₃S

Molecular Weight: 435.33

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

Actual storage temperature shall be subject to the COA.



Biological Description

Description	RSV/IAV-IN-3 (compound 14'i) is a dual inhibitor of respiratory syncytial virus (RSV) with an EC ₅₀ of 2.92 μM and influenza A virus (IAV) with an EC ₅₀ of 1.90 μM. RSV/IAV-IN-3 significantly inhibits luciferase activity in a dose-dependent manner (EC ₅₀ : 3.89 μM) and suppresses IAV infection, RdRp activity, as well as post-entry replication of IAV and RSV.
Targets(IC ₅₀)	Others, Influenza Virus, RSV

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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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