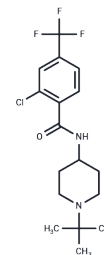


Antiviral agent 43

Chemical Properties

CAS No. :	2739990-96-4
Formula:	C ₁₇ H ₂₂ ClF ₃ N ₂ O
Molecular Weight:	362.82
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	Antiviral agent 43 (compound 16) serves as a potent, orally active inhibitor of influenza A virus entry, demonstrating efficacy by inhibiting the replication of the influenza A strains VH04-H5N1 and PR8-H1N1 with EC ₅₀ values of 240 nM and 72 nM, respectively [1].
Targets(IC ₅₀)	Others, Influenza Virus

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7562 mL	13.7809 mL	27.5619 mL
5 mM	0.5512 mL	2.7562 mL	5.5124 mL
10 mM	0.2756 mL	1.3781 mL	2.7562 mL
50 mM	0.0551 mL	0.2756 mL	0.5512 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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