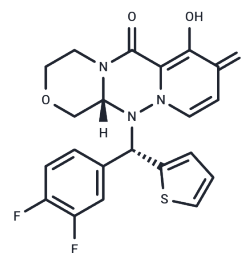


ATV2301

Chemical Properties

CAS No. : 3049172-60-0
 Formula: C₂₁H₁₇F₂N₃O₄S
 Molecular Weight: 445.439
 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	ATV2301 is an orally potent anti-influenza compound with an EC ₅₀ of 1.88 nM for H1N1 and 4.77 nM for H3N2. Its anti-influenza activity results from its impact on polymerase acidic protein (PA), nucleoprotein (NP), and RNA-dependent RNA polymerase (RdRp).
Targets(IC ₅₀)	Influenza Virus

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.245 mL	11.2249 mL	22.4497 mL
5 mM	0.449 mL	2.245 mL	4.4899 mL
10 mM	0.2245 mL	1.1225 mL	2.245 mL
50 mM	0.0449 mL	0.2245 mL	0.449 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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