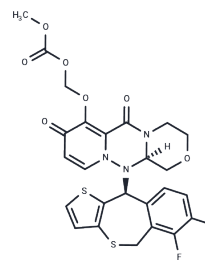


AV5124

Chemical Properties

CAS No. : 2417851-93-3
 Formula: C₂₅H₂₁F₂N₃O₇S₂
 Molecular Weight: 577.58
 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	AV5124 is a prodrug of AV5116 and acts as an orally active inhibitor of influenza virus cap-dependent endonuclease (CEN).
Targets(IC50)	Influenza Virus
In vivo	At a dosage of 20 mg/kg, AV5124 can protect 60% of the animals from mortality, while at a dosage of 50 mg/kg, it completely shields the mice from virus-induced death.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7314 mL	8.6568 mL	17.3136 mL
5 mM	0.3463 mL	1.7314 mL	3.4627 mL
10 mM	0.1731 mL	0.8657 mL	1.7314 mL
50 mM	0.0346 mL	0.1731 mL	0.3463 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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