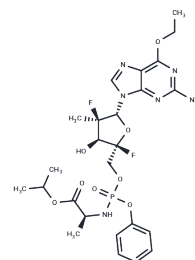


AL-611

Chemical Properties

CAS No. : 1613591-70-0
 Formula: C₂₅H₃₃F₂N₆O₈P
 Molecular Weight: 614.544
 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	AL-611 is an HCV NS5B polymerase inhibitor (EC ₅₀ = 5 nM).
Targets(IC ₅₀)	Others,HCV Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6272 mL	8.1362 mL	16.2723 mL
5 mM	0.3254 mL	1.6272 mL	3.2545 mL
10 mM	0.1627 mL	0.8136 mL	1.6272 mL
50 mM	0.0325 mL	0.1627 mL	0.3254 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.

Reference

Wang G, et al. Synthesis and Anti-HCV Activity of Sugar-Modified Guanosine Analogues: Discovery of AL-611 as an HCV NS5B Polymerase Inhibitor for the Treatment of Chronic Hepatitis C. J Med Chem. 2020 Sep 24;63(18):10380-10395.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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