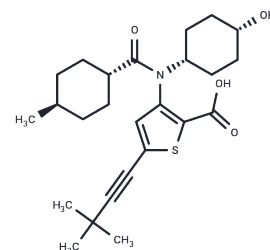


cis-Lomibuvir

Chemical Properties

CAS No. :	1026785-59-0
Formula:	C ₂₅ H ₃₅ N ₂ O ₄ S
Molecular Weight:	445.61
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	Cis-Lomibuvir (cis-VX-222), a cis-isomer of Lomibuvir, is a selective non-nucleoside inhibitor of the hepatitis C virus (HCV) NS5B polymerase (RdRp), targeting thumb pocket 2 with a dissociation constant (K _d) of 17 nM. It exhibits an EC ₅₀ of 5.2 nM against the 1b/Con1 HCV subgenomic replicon, demonstrating a preference for inhibiting elongative RNA synthesis over de novo-initiated RNA synthesis.
Targets(IC50)	Others,HCV Protease,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2441 mL	11.2206 mL	22.4411 mL
5 mM	0.4488 mL	2.2441 mL	4.4882 mL
10 mM	0.2244 mL	1.1221 mL	2.2441 mL
50 mM	0.0449 mL	0.2244 mL	0.4488 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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