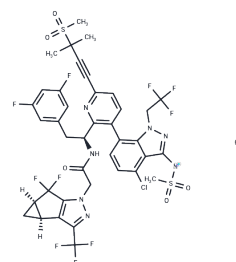


Lenacapavir sodium

Chemical Properties

CAS No. :	2283356-12-5
Formula:	C ₃₉ H ₃₁ ClF ₁₀ N ₇ NaO ₅ S ₂
Molecular Weight:	990.26
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	Lenacapavir, also known as GS-6207, is an HIV-1 capsid inhibitor. It demonstrates an average EC ₅₀ of 50 pM (ranging from 20-160 pM) against 23 clinical isolates of HIV-1 from diverse subtypes, with tests performed in peripheral blood mononuclear cells (PBMCs). In vitro, Lenacapavir exhibits picomolar potency and shows no cross-resistance with existing antiretroviral compounds. Furthermore, Lenacapavir displays significant antiviral activity in individuals with HIV-1, regardless of prior treatment history, with no pre-existing resistance detected.
Targets(IC ₅₀)	HIV Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0098 mL	5.0492 mL	10.0984 mL
5 mM	0.202 mL	1.0098 mL	2.0197 mL
10 mM	0.101 mL	0.5049 mL	1.0098 mL
50 mM	0.0202 mL	0.101 mL	0.202 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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