

DENV-IN-6

Chemical Properties

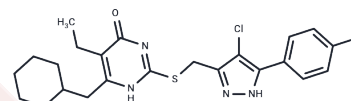
CAS No. : 2375780-95-1

Formula: C₂₃H₂₆ClFN₄O₅

Molecular Weight: 461

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	DENV-IN-6 is a potent inhibitor of DENV (I-IV), demonstrating EC ₅₀ values of 17.5, 13.20, 6.8, and 11.41 μM for the inhibition of DENV (I-IV) replication, respectively. Additionally, it exhibits anti-HIV-1 IIIB activity, with an EC ₅₀ of 0.0181 μM and a CC ₅₀ of 64.92 μM [1].
Targets(IC ₅₀)	Others,HIV Protease,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1692 mL	10.846 mL	21.692 mL
5 mM	0.4338 mL	2.1692 mL	4.3384 mL
10 mM	0.2169 mL	1.0846 mL	2.1692 mL
50 mM	0.0434 mL	0.2169 mL	0.4338 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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