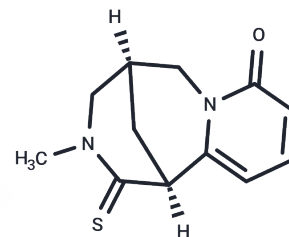


DENV-IN-12

Chemical Properties

CAS No. :	2581065-80-5
Formula:	C ₁₂ H ₁₄ N ₂ O ₂ S
Molecular Weight:	234.32
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-12 (Compound 6), a derivative of N-methylcytosine thio, effectively inhibits both DENV-1 and DENV-2. It demonstrates strong antiviral activity against DENV-2, with EC ₅₀ values between 0.002 and 0.005 μM across various cell lines [1].
Targets(IC ₅₀)	Anti-infection

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.2677 mL	21.3383 mL	42.6767 mL
5 mM	0.8535 mL	4.2677 mL	8.5353 mL
10 mM	0.4268 mL	2.1338 mL	4.2677 mL
50 mM	0.0854 mL	0.4268 mL	0.8535 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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