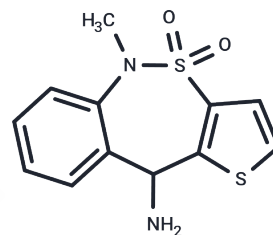


EBOV-IN-4

Chemical Properties

CAS No. :	2896193-43-2
Formula:	C ₁₂ H ₁₂ N ₂ O ₂ S ₂
Molecular Weight:	280.37
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	EBOV-IN-4 (compound 12), a benzothiazepine, acts as a potent inhibitor against the Ebola virus (EBOV), displaying 64.9% inhibitory activity against EBOV-GP-pseudotype virus (pEBOV) at a concentration of 10 µM. It is, however, inactive against ASFV [1].
Targets(IC50)	Virus Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5667 mL	17.8336 mL	35.6672 mL
5 mM	0.7133 mL	3.5667 mL	7.1334 mL
10 mM	0.3567 mL	1.7834 mL	3.5667 mL
50 mM	0.0713 mL	0.3567 mL	0.7133 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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