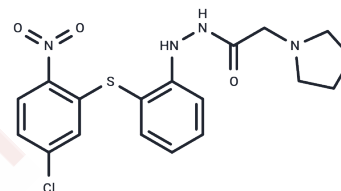


EBOV-IN-7

Chemical Properties

CAS No. : 68207-16-9
 Formula: C₁₈H₁₉ClN₄O₃S
 Molecular Weight: 406.89
 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-7 (compound 26) acts as an inhibitor against the Ebola virus EBOV, displaying an IC ₅₀ value of 2.04 μM against pEBOV (EBOV-GP pseudotyped virus). It also obstructs the EBOV-GPcl/NPC1 interaction and exhibits inhibitory effects on cancer cells. [8] [1]
Targets(IC ₅₀)	Virus Protease
In vitro	EBOV-IN-7 (compound 26) exhibits a CC ₅₀ of 60 μM in HeLa cells, with low cytotoxicity in Vero cells (CC ₅₀ >100 μM) [1]. At a concentration of 50 μM, it significantly disrupts the interaction between EBOV-GPcl and NPC1, showing an IC ₅₀ of 2.04 μM against EBOV-GP-pseudotyped virus (pEBOV) [1]. For African swine fever virus (ASFV), the compound has an IC ₅₀ of 15.75 μM [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4577 mL	12.2883 mL	24.5767 mL
5 mM	0.4915 mL	2.4577 mL	4.9153 mL
10 mM	0.2458 mL	1.2288 mL	2.4577 mL
50 mM	0.0492 mL	0.2458 mL	0.4915 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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