

ZHSI-1

Chemical Properties

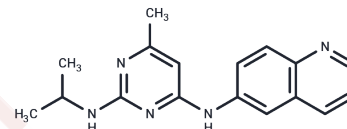
CAS No. : 2925912-67-8

Formula: C17H19N5

Molecular Weight: 293.37

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	ZHSI-1 is an EV71 (Enterovirus 71) inhibitor that blocks EV71/CVA16 replication and virus-induced pyroptosis linked to viral pathogenesis. It effectively prevents EV71 infection in neonatal and young mice in animal models and can be used to study viral infections such as hand, foot, and mouth disease (HFMD) [1].
Targets(IC50)	Virus Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4087 mL	17.0433 mL	34.0866 mL
5 mM	0.6817 mL	3.4087 mL	6.8173 mL
10 mM	0.3409 mL	1.7043 mL	3.4087 mL
50 mM	0.0682 mL	0.3409 mL	0.6817 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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