

SARS-CoV-2-IN-36

Chemical Properties

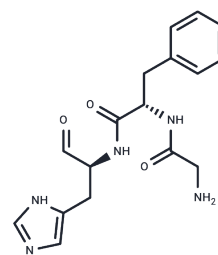
CAS No. :

Formula: C17H21N5O3

Molecular Weight: 343.38

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	SARS-CoV-2-IN-36 is a potent inhibitor of SARS-CoV-2 Mpro (SARS-CoV), demonstrating an IC50 of 2.37 μ M and a Kd of 1.19 μ M in enzymatic assays, and exhibits antiviral activity against SARS-CoV-2 variants UC-1074, RG2674, and NVDBB-2220 in Vero cells.
Targets(IC50)	Others,SARS-CoV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9122 mL	14.5611 mL	29.1223 mL
5 mM	0.5824 mL	2.9122 mL	5.8245 mL
10 mM	0.2912 mL	1.4561 mL	2.9122 mL
50 mM	0.0582 mL	0.2912 mL	0.5824 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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