

PLpro-IN-5

## Chemical Properties

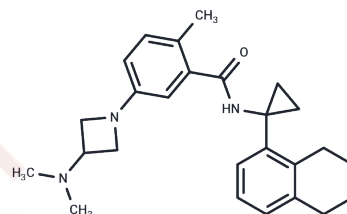
CAS No. : 3009839-42-0

Formula: C<sub>26</sub>H<sub>33</sub>N<sub>3</sub>O

Molecular Weight: 403.56

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	PLpro-IN-5 (compound 21), serving as a PLPro protease inhibitor, boasts an IC <sub>50</sub> of 91.14 nM. This compound exhibits a broad-spectrum antiviral efficacy, particularly effective against SARS-CoV, MERS-CoV, and SARS-CoV-2.
Targets(IC <sub>50</sub> )	SARS-CoV

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4779 mL	12.3897 mL	24.7795 mL
5 mM	0.4956 mL	2.4779 mL	4.9559 mL
10 mM	0.2478 mL	1.239 mL	2.4779 mL
50 mM	0.0496 mL	0.2478 mL	0.4956 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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