

## SARS-CoV-2 Mpro-IN-4

## Chemical Properties

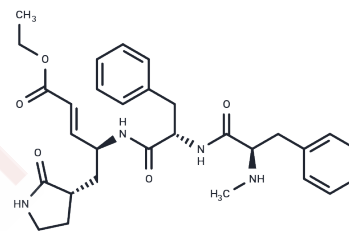
CAS No. :

Formula: C30H38N4O5

Molecular Weight: 534.65

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 Mpro-IN-4 is a dual inhibitor targeting Main Protease (M Pro) and Cathepsin L (CatL), with inhibition concentrations (IC <sub>50</sub> ) of 900 nM and 60 nM, respectively. It effectively blocks SARS-CoV-2 replication in hACE2-expressing A549 cells, demonstrating antiviral activity with an IC <sub>50</sub> value of 8.2 nM.
Targets(IC <sub>50</sub> )	Others,SARS-CoV,Virus Protease

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8704 mL	9.3519 mL	18.7038 mL
5 mM	0.3741 mL	1.8704 mL	3.7408 mL
10 mM	0.187 mL	0.9352 mL	1.8704 mL
50 mM	0.0374 mL	0.187 mL	0.3741 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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