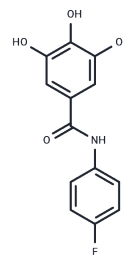


## SARS-CoV-2 Mpro-IN-25

## Chemical Properties

CAS No. :	2205006-23-9
Formula:	C <sub>13</sub> H <sub>10</sub> FNO <sub>4</sub>
Molecular Weight:	263.22
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-25 (Compound 3a) is a protease inhibitor for SARS-CoV-2, exhibiting an IC <sub>50</sub> value of 0.26 μM. It demonstrates antiviral activity and is useful for research in the field of pneumonia.
Targets(IC <sub>50</sub> )	Virus Protease

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7991 mL	18.9955 mL	37.991 mL
5 mM	0.7598 mL	3.7991 mL	7.5982 mL
10 mM	0.3799 mL	1.8996 mL	3.7991 mL
50 mM	0.076 mL	0.3799 mL	0.7598 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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