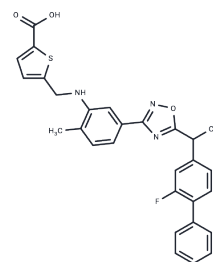


## PLpro-IN-3

## Chemical Properties

CAS No. :	3047093-72-8
Formula:	C <sub>29</sub> H <sub>24</sub> FN <sub>3</sub> O <sub>3</sub> S
Molecular Weight:	513.58
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-3 (compound 26R) is a potent papain-like protease (PLpro) inhibitor with an IC <sub>50</sub> of 1.0 μM. It exhibits antiviral activity against SARS-CoV-2, with an EC <sub>50</sub> of 4.3 μM.
Targets(IC <sub>50</sub> )	SARS-CoV

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9471 mL	9.7356 mL	19.4712 mL
5 mM	0.3894 mL	1.9471 mL	3.8942 mL
10 mM	0.1947 mL	0.9736 mL	1.9471 mL
50 mM	0.0389 mL	0.1947 mL	0.3894 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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