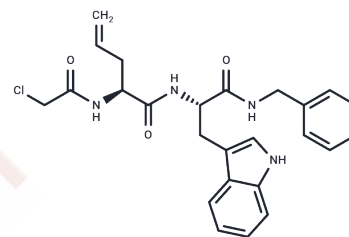


## Mpro/PLpro-IN-1

## Chemical Properties

CAS No. :	2766185-78-6
Formula:	C <sub>25</sub> H <sub>27</sub> ClN <sub>4</sub> O <sub>3</sub>
Molecular Weight:	466.96
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	Mpro/PLpro-IN-1 (Compound 29) is a dual-acting inhibitor of SARS-CoV-2 protease, displaying micromolar inhibition of Mpro (IC <sub>50</sub> : 1.72 μM) and submicromolar inhibition of PLpro (IC <sub>50</sub> : 0.67 μM).
Targets(IC <sub>50</sub> )	Others,SARS-CoV

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1415 mL	10.7076 mL	21.4151 mL
5 mM	0.4283 mL	2.1415 mL	4.283 mL
10 mM	0.2142 mL	1.0708 mL	2.1415 mL
50 mM	0.0428 mL	0.2142 mL	0.4283 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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