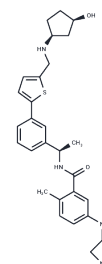


XR8-89

## Chemical Properties

CAS No. : 2817811-16-6  
 Formula: C<sub>29</sub>H<sub>36</sub>N<sub>4</sub>O<sub>2</sub>S  
 Molecular Weight: 504.69  
 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	XR8-89, a potent inhibitor of papain-like protease (PLpro), exhibits an IC <sub>50</sub> value of 0.1 μM and effectively hinders SARS-CoV-2 replication by inducing conformational changes in the SARS-COV-2 papain-like protease. This compound holds potential for SARS-CoV-2 research applications [1].
Targets(IC50)	Others,SARS-CoV

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9814 mL	9.9071 mL	19.8141 mL
5 mM	0.3963 mL	1.9814 mL	3.9628 mL
10 mM	0.1981 mL	0.9907 mL	1.9814 mL
50 mM	0.0396 mL	0.1981 mL	0.3963 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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