

PLP\_Snyder530

## Chemical Properties

CAS No. :

Formula: C<sub>24</sub>H<sub>24</sub>N<sub>2</sub>O<sub>2</sub>

Molecular Weight: 372.46

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	PLP_Snyder530 is a potent papain-like protease (PL pro) inhibitor that induces conformational changes in SARS-CoV-2 papain-like protease, thereby inhibiting SARS-CoV-2 replication; it can be used for SARS-CoV-2 research [1].
Targets(IC50)	Others,SARS-CoV
In vitro	PLP_Snyder530 induces conformational changes primarily in the BL2' region, enhancing its activity against PL pro [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6849 mL	13.4243 mL	26.8485 mL
5 mM	0.537 mL	2.6849 mL	5.3697 mL
10 mM	0.2685 mL	1.3424 mL	2.6849 mL
50 mM	0.0537 mL	0.2685 mL	0.537 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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