

PSB-21110

## Chemical Properties

CAS No. :

Formula: C<sub>14</sub>H<sub>11</sub>ClFNO<sub>3</sub>

Molecular Weight: 295.69

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	PSB-21110 is an irreversible inhibitor of SARS-CoV-2 Mpro, exhibiting antiviral activity with an EC <sub>50</sub> value of 2.68 nM.
Targets(IC <sub>50</sub> )	SARS-CoV, Virus Protease

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3819 mL	16.9096 mL	33.8192 mL
5 mM	0.6764 mL	3.3819 mL	6.7638 mL
10 mM	0.3382 mL	1.691 mL	3.3819 mL
50 mM	0.0676 mL	0.3382 mL	0.6764 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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