

## SARS-CoV-2 3CLpro-IN-10

## Chemical Properties

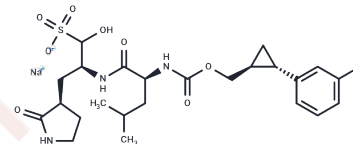
CAS No. :

Formula: C<sub>24</sub>H<sub>33</sub>FN<sub>3</sub>NaO<sub>8</sub>S

Molecular Weight: 565.59

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	SARS-CoV-2 3CLpro-IN-10(5d) is a potent inhibitor of the SARS-CoV-2 3CL protease with an IC <sub>50</sub> value of 190 nM and demonstrates broad-spectrum antiviral activity, exhibiting IC <sub>50</sub> values of 790 nM for SARS-CoV-1 and 70 nM for MERS-CoV.
Targets(IC <sub>50</sub> )	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7681 mL	8.8403 mL	17.6807 mL
5 mM	0.3536 mL	1.7681 mL	3.5361 mL
10 mM	0.1768 mL	0.884 mL	1.7681 mL
50 mM	0.0354 mL	0.1768 mL	0.3536 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

Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481