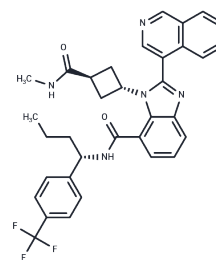


CDD-1733

## Chemical Properties

CAS No. : 2894104-33-5  
 Formula: C<sub>34</sub>H<sub>32</sub>F<sub>3</sub>N<sub>5</sub>O<sub>2</sub>  
 Molecular Weight: 599.65  
 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	CDD-1733 is a potent, non-covalent, and non-peptide inhibitor of the SARS-CoV-2 main protease (Mpro) with an inhibition constant (K <sub>i</sub> ) of 12 nM. It effectively inhibits Mpro variants including ΔP168, A173V, and the combined ΔP168/A173V [1].
Targets(IC <sub>50</sub> )	SARS-CoV

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6676 mL	8.3382 mL	16.6764 mL
5 mM	0.3335 mL	1.6676 mL	3.3353 mL
10 mM	0.1668 mL	0.8338 mL	1.6676 mL
50 mM	0.0334 mL	0.1668 mL	0.3335 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