

## SARS-CoV-2 nsp3-IN-2

## Chemical Properties

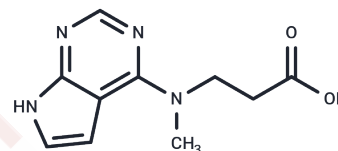
CAS No. : 2038858-11-4

Formula: C<sub>10</sub>H<sub>12</sub>N<sub>4</sub>O<sub>2</sub>

Molecular Weight: 220.23

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 nsp3-IN-2 is a SARS-CoV-2 nsp3 macrodomain (Mac1) inhibitor with an IC <sub>50</sub> value of 180 μM and functions as an ADP-ribosylhydrolase critical for coronavirus replication and pathogenesis. SARS-CoV-2 nsp3-IN-2 is a small molecule chemical probe useful for viral research[1].
Targets(IC50)	Others,SARS-CoV
In vitro	SARS-CoV-2 nsp3-IN-2 exhibits weak potency against Mac1 in an ADP-ribose binding AlphaScreen assay, with an IC <sub>50</sub> value of 180 μM [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.5407 mL	22.7035 mL	45.4071 mL
5 mM	0.9081 mL	4.5407 mL	9.0814 mL
10 mM	0.4541 mL	2.2704 mL	4.5407 mL
50 mM	0.0908 mL	0.4541 mL	0.9081 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

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