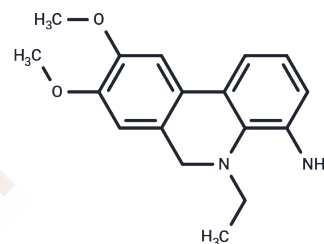


## SARS-CoV-2-IN-16

## Chemical Properties

CAS No. :	2761911-40-2
Formula:	C <sub>17</sub> H <sub>20</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight:	284.35
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-IN-16 (Compound 12) is a potent inhibitor of SARS-CoV-2 nucleocapsid protein (NPro) with antiviral activity (EC <sub>50</sub> = 3.69 μM) and binds to NPro with a low K <sub>d</sub> value of 7.82 μM, indicating its effectiveness as an NPro ligand [1].
Targets(IC50)	Others,SARS-CoV

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5168 mL	17.584 mL	35.1679 mL
5 mM	0.7034 mL	3.5168 mL	7.0336 mL
10 mM	0.3517 mL	1.7584 mL	3.5168 mL
50 mM	0.0703 mL	0.3517 mL	0.7034 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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