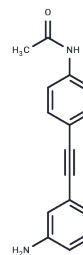


## SARS-CoV-2-IN-115

## Chemical Properties

CAS No. :	2557232-80-9
Formula:	C <sub>16</sub> H <sub>14</sub> N <sub>2</sub> O
Molecular Weight:	250.30
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-115 (Compound 3e) is a potent inhibitor of SARS-CoV-2, showing strong antiviral activity in infected Calu-3 cells with an EC <sub>50</sub> of 1.7 μM. It effectively inhibits human dihydroorotate dehydrogenase (HsDHODH) activity with an IC <sub>50</sub> of 1.5 μM. Importantly, SARS-CoV-2-IN-115 maintains immune response without affecting the proliferation of CD4 T cells.
Targets(IC50)	Dehydrogenase,DNA/RNA Synthesis,SARS-CoV

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9952 mL	19.976 mL	39.9521 mL
5 mM	0.799 mL	3.9952 mL	7.9904 mL
10 mM	0.3995 mL	1.9976 mL	3.9952 mL
50 mM	0.0799 mL	0.3995 mL	0.799 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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