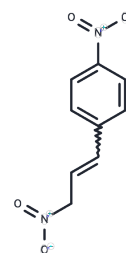


## SARS-CoV-2 3CLpro-IN-15

## Chemical Properties

CAS No. :	3156-41-0
Formula:	C <sub>8</sub> H <sub>6</sub> N <sub>2</sub> O <sub>4</sub>
Molecular Weight:	194.14
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-15 (compound a), a beta-nitrostyrene derivative, inhibits the SARS-CoV-2 3CL protease (3CLpro), thereby suppressing viral replication and transcription. It is instrumental in identifying potential anti-COVID-19 lead compounds [1].
Targets(IC50)	SARS-CoV, Virus Protease

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.1509 mL	25.7546 mL	51.5092 mL
5 mM	1.0302 mL	5.1509 mL	10.3018 mL
10 mM	0.5151 mL	2.5755 mL	5.1509 mL
50 mM	0.103 mL	0.5151 mL	1.0302 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

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