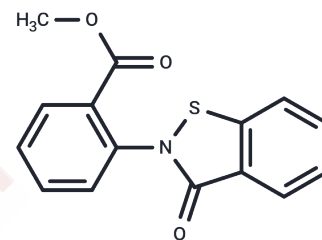


## SARS-CoV-2-IN-69

## Chemical Properties

CAS No. :	78471-90-6
Formula:	C <sub>15</sub> H <sub>11</sub> NO <sub>3</sub> S
Molecular Weight:	285.32
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-69 (Compound 7E) is a potent, non-covalent inhibitor of the SARS-CoV-2 main protease (M <sup>pro</sup> ) with an EC <sub>50</sub> of 7.4 μM and also inhibits the papain-like protease (PL <sup>pro</sup> ) [1].
Targets(IC <sub>50</sub> )	SARS-CoV

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5048 mL	17.5242 mL	35.0484 mL
5 mM	0.701 mL	3.5048 mL	7.0097 mL
10 mM	0.3505 mL	1.7524 mL	3.5048 mL
50 mM	0.0701 mL	0.3505 mL	0.701 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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