

RdRP-IN-7

## Chemical Properties

CAS No. :

Formula: C<sub>26</sub>H<sub>45</sub>N<sub>7</sub>O<sub>3</sub>Si<sub>2</sub>

Molecular Weight: 559.85

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	RdRP-IN-7, a RNA-dependent RNA polymerase (RdRp) inhibitor, demonstrates efficacy against SARS-CoV-2 infection with an inhibitory concentration (IC <sub>50</sub> ) of 8.2 μM and (IC <sub>90</sub> ) of 14.1 μM, alongside a cytotoxic concentration (CC <sub>90</sub> ) of 79.1 μM, rendering it suitable for antiviral research [1].
Targets(IC <sub>50</sub> )	SARS-CoV

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7862 mL	8.931 mL	17.8619 mL
5 mM	0.3572 mL	1.7862 mL	3.5724 mL
10 mM	0.1786 mL	0.8931 mL	1.7862 mL
50 mM	0.0357 mL	0.1786 mL	0.3572 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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