

Acryl42-10

## Chemical Properties

CAS No. :

Formula: C<sub>20</sub>H<sub>24</sub>ClN<sub>3</sub>O<sub>4</sub>

Molecular Weight: 405.88

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	Acryl42-10 serves as a covalent inhibitor for the SARS-CoV-2 Nsp14 N7-Methyltransferase, exhibiting an inhibition concentration (IC <sub>50</sub> ) of 7 μM [1].
Targets(IC <sub>50</sub> )	SARS-CoV

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4638 mL	12.3189 mL	24.6378 mL
5 mM	0.4928 mL	2.4638 mL	4.9276 mL
10 mM	0.2464 mL	1.2319 mL	2.4638 mL
50 mM	0.0493 mL	0.2464 mL	0.4928 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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