

## Regdanvimab

## Chemical Properties

CAS No. : 2444308-95-4

Formula:

Molecular Weight: 146.22 kDa

Storage: Store at low temperature  
-20°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

|               |   |
|---------------|---|
| Description   | Regdanvimab (CT-P59) is a humanized antibody targeting the spike protein of SARS-CoV-2, with antiviral activity. It prevents viral entry by blocking interactions with ACE2, used in studies of COVID-19 infection. |
| Targets(IC50) | RAAS,Angiotensin-converting Enzyme (ACE),SARS-CoV   |
| In vitro      | Regdanvimab neutralizes the gamma, Delta, Epsilon, and Kappa variants of SARS-CoV-2 in cells. [1]   |
| In vivo       | Treatment with Regdanvimab (5, 20, 40, and 80 mg/kg, intrabitoneally injected) relieved respiratory symptoms and eliminated the virus in mice infected with the SARS-CoV-2 variant. [1]                             |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 0.0068 mL | 0.0342 mL | 0.0684 mL |
| 5 mM  | 0.0014 mL | 0.0068 mL | 0.0137 mL |
| 10 mM | 0.0007 mL | 0.0034 mL | 0.0068 mL |
| 50 mM | 0.0001 mL | 0.0007 mL | 0.0014 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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