

Product Data Sheet

Product Name: Regdanvimab

Cat. No.: GC72371

Chemical Properties

Cas. No. 2444308-95-4

Formula

M.Wt

Solubility

Storage

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Regdanvimab

Background

Regdanvimab (CT-P59) is a human monoclonal antibody that targets the receptor-binding domain of SARS-CoV-2 spike protein, blocking interaction with ACE2 for viral entry. Regdanvimab can be used for the research of COVID-19.

Regdanvimab (CT-P59) (0-1000 ng/mL; 72 h) can neutralize Gamma, Delta and Epsilon variants with

Caution: Product has not been fully validated for medical applications. For research use only.

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IC₅₀s of 161.5-1237 ng/mL^[1].

Regdanvimab (CT-P59) (5-80 mg/kg; i.p.; single dose) has an ability to lower viral burden against Gamma and Delta variants in mice^[1].

References:

[1]. Ryu DK, et al. The in vitro and in vivo efficacy of CT-P59 against Gamma, Delta and its associated variants of SARS-CoV-2. Biochem Biophys Res Commun. 2021 Nov 12;578:91-96.

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