

Product Data Sheet

Product Name: Romlusevimab

Cat. No.: GC72460

Chemical Properties

Cas. No. 2509447-08-7

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

Romlusevimab

Background

Romlusevimab (BR11-198) is a neutralizing recombinant human IgG1 monoclonal antibody against the spike protein of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2).

Romlusevimab and Amubarvimab bind to distinct epitopes of the SARS-CoV-2 spike protein^[1].
Romlusevimab has an additive effect when combined with Amubarvimab^[1].

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

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Romlusevimab (10 mg/kg, ip, single) in combination with Amubarvimab protects animals from Omicron infection in a mouse model of SARS-CoV-2 infection^[1].

References:

- [1]. Hoy SM. Amubarvimab/Romlusevimab: First Approval. *Drugs*. 2022 Aug;82(12):1327-1331.
- [2]. Ji Y, et al. Preclinical characterization of amubarvimab and romlusevimab, a pair of non-competing neutralizing monoclonal antibody cocktail, against SARS-CoV-2. *Front Immunol*. 2022 Sep 14;13:980435.

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