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 ℃ and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20℃ 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 (BRII-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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