

Product Data Sheet

Product Name: Orilanolimab
Cat. No.: GC69632

Chemical Properties

Cas. No. 2066544-85-0

Formula M.Wt

Solubility Storage Store at -20°C

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

Background

Orilanolimab (SYNT001) is a humanized, de-immunized and **IgG homeostasis and innate and adaptive immunity**[1][2].

Orilanolimab (10nM-50nM-100nM-48h) in B2M^{TG/TG}FCGRT^{TG/TG}Fcgrt^{-/-} CD11c

Orilanolimab (20mg/kg) in HuLys11[1]

Orilanolimab (10-100 mg/kg) in IgG[1]

[1]. Blumberg LJ, et al. **Blocking FcRn in humans reduces circulating IgG levels and inhibits IgG immune complex-mediated immune responses.** *Sci Adv.* 2019 Dec 18;5(12):eaax9586.

[2]. Blumberg L, et al. **SYNT001: a humanized IgG4 monoclonal antibody that disrupts the interaction of FcRn and IgG for the treatment of IgG-mediated autoimmune diseases**[J]. *Blood*, 2017, 130: 3483.

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