

Product Data Sheet

Product Name: Ubamatamab

Cat. No.: GC74530

Chemical Properties

Cas. No. 2305629-50-7

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

Ubamatamab

Background

Ubamatamab (REGN4018) is a humanized bispecific antibody targeted against Mucin 16 (MUC16) and CD3. Ubamatamab demonstrates potent antitumor activity.

Ubamatamab (REGN4018; 0.1 pM-10 nM; 48 hours) induces human T cells and cynomolgus T cells to kill OVCAR-3 cells (EC50, 13.6 pM and 30.6 pM, respectively)[1].

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

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Ubamatamab (REGN4018; 0.01-0.5 mg/kg; i.p; on days 6, 10, 13, 16, and 21) potently inhibits growth of intraperitoneal ovarian tumors[1]. Ubamatamab (REGN4018; 0.01-1 mg/kg; i.p; once a week; total of five doses) shows minimal and transient increases in serum cytokines and C-reactive protein, with no overt toxicity[1].

References:

[1]. Alison Crawford, et al. A Mucin 16 bispecific T cell-engaging antibody for the treatment of ovarian cancer. Sci Transl Med. 2019 Jun 19;11(497):eaau7534.

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