
Product Data Sheet

Product Name: Tafasitamab

Cat. No.: GC65433

Chemical Properties

Cas. No. 1422527-84-1

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

Tafasitamab (XmAb5574) is an Fc-modified, humanized monoclonal antibody that binds to the human B-cell surface antigen CD19[1][2].

Tafasitamab (XmAb5574) induces cytotoxicity against Mino and Jeko (MCL) cell lines in an E/T ratio-dependent manner. Tafasitamab (XmAb5574) increases ADCP and antiproliferative activity. Tafasitamab (XmAb5574) enhances antiproliferative apoptotic activity due to caspase-induced apoptosis[1][2].

Tafasitamab (SC, once on Day 1, 2.5 µg/kg) inhibits lymphoma growth in disseminated BL mouse xenograft tumor models[1].

[1]. Jung Hyun Her, et al. Tafasitamab mediates killing of B-cell non-Hodgkin's lymphoma in combination with $\gamma\delta$ T cell or allogeneic NK cell therapy. Cancer Immunol Immunother. 2022 Mar 29.

[2]. Holly M Horton, et al. Potent in vitro and in vivo activity of an Fc-engineered anti-CD19 monoclonal antibody against lymphoma and leukemia. Cancer Res

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

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