

Product Data Sheet

Product Name: Veltuzumab

Cat. No.: GC74470

Chemical Properties

Cas. No. 728917-18-8

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

Veltuzumab

Background

Veltuzumab (IMMU-106) is a humanized anti-CD20 monoclonal antibody. Veltuzumab has low EC50 value of 0.08-0.09 µg/mL in the Daudi cell line. Veltuzumab can be used for the research of cancer including non-Hodgkin lymphoma (NHL).

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

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Veltuzumab significantly reduces off-rates in human lymphoma cell lines, as well as increases complement-dependent cytotoxicity in 1 of 3 cell lines, but no other in vitro differences[1]. Veltuzumab (0.001-10 µg/mL, 3 h) has low EC50 value of 0.08-0.09 µg/mL in the Daudi cell line[1].

Veltuzumab (i.v. or s.c.; 5, 20 and 60 µg; single) can control tumor growth or deplete circulating or sessile B cells at low doses in mouse models of intraperitoneal and subcutaneous doses[1].

Veltuzumab (i.p.; 0.05-35 µg) are significantly effective in vivo[1].

References:

[1]. David M Goldenberg, et al. Properties and structure-function relationships of veltuzumab (hA20), a humanized anti-CD20 monoclonal antibody. Blood

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