

Product Data Sheet

Product Name: Otelixizumab

Cat. No.: GC72342

Chemical Properties

Cas. No. 881191-44-2

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

Otelixizumab

Background

Otelixizumab (ChAglyCD3) is an anti-human CD3 monoclonal antibody and can be used for the research of type 1 diabetes.

Otelixizumab (ChAglyCD3) has a dose-dependent accumulation and a half-life of about 1.5 days [2].

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

Otelixizumab targets the ϵ -chain of the CD3 T-lymphocyte surface receptor, which facilitates the activation of the autoreactive T-lymphocytes responsible for beta cell destruction^[2].

Otelixizumab (ChAglyCD3) (100 μ g/mouse; i.v.; once) results in durable disease remission dependent on transferable T cell-mediated tolerance in diabetic transgenic mice^[1].

References:

[1]. Kuhn C, et al. Human CD3 transgenic mice: preclinical testing of antibodies promoting immune tolerance. Sci Transl Med. 2011 Feb 2;3(68):68ra10.

[2]. Guglielmi C, et al. Efficacy and safety of otelixizumab use in new-onset type 1 diabetes mellitus. Expert Opin Biol Ther. 2016 Jun;16(6):841-6.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA