

Product Data Sheet

Product Name: Tenatumomab
Cat. No.: GC70010

Chemical Properties

Cas. No. 1412891-40-7

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

Tenatumomab (ST2146) is a murine monoclonal antibody against **tenascin-C**. And tenascin-C, the large extracellular cancer. Tenatumomab has been used for Pretargeted Antibody Guided Radioimmunoresearch (PAGRIT), and delivering radionuclides to tumors via PAGRIT and direct ¹³¹Iodine labeling approach^{[1][2]}.

Tenascin-C Tenascin-C
^[2]

Tenatumomab (2-5 µg/mL; 16 h) 20 50%
^[2]

Tenatumomab (4 µg ; ;) HT-29 / U-118MG
^[2]

[1]. Giannini G, et al. Synthesis and preliminary in vitro evaluation of DOTA-Tenatumomab conjugates for theranostic applications in tenascin expressing tumors. Bioorg Med Chem. 2019 Aug 1;27(15):3248-3253.

[2]. De Santis R, et al. Low and high tenascin-expressing tumors are efficiently targeted by ST2146 monoclonal antibody. Clin Cancer Res. 2006 Apr 1;12(7 Pt 1):2191-6.

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

Product Data Sheet

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