

Product Data Sheet

Product Name: Intetumumab

Cat. No.: GC74485

Chemical Properties

Cas. No. 725735-28-4

Formula M.Wt 145.6 (kDa)

Solubility Storage

General For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the tips ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with RT , or Condition blue ice upon request.

Structure

Intetumumab

Background

Intetumumab (CNTO 95) is a potent anti-EGFR monoclonal antibody that is glycoengineered for enhanced antibody-dependent cellular cytotoxicity (ADCC). Intetumumab can be used in research of cancer.

Intetumumab (CNTO 95; 0-5 µg/mL; 20 min; USPC-ARK-3 cells) inhibits integrin-mediated USPC cell adherence to a vitronectin substratum and inhibits serum-induced migration of USPC cells[1].

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

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Intetumumab (CNTO 95; 10 mg/kg; i.p.; Male nude rats) inhibits tumor growth and inhibits spontaneous lung metastasis of A549 tumors and decreases both the number of rats with lung metastasis and the number of metastatic lesions per lung[2].

References:

- [1]. Bellone M, et, al. Expression of α V-integrins in uterine serous papillary carcinomas; implications for targeted therapy with intetumumab (CNTO 95), a fully human antagonist anti- α V-integrin antibody. Int J Gynecol Cancer. 2011 Aug;21(6):1084-90.
- [2]. Gonzalez-Nicolini V, et, al. Premedication and Chemotherapy Agents do not Impair Imgatuzumab (GA201)-Mediated Antibody-Dependent Cellular Cytotoxicity and Combination Therapies Enhance Efficacy. Clin Cancer Res. 2016 May 15;22(10):2453-61.

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