

Product Data Sheet

Product Name: Sotevtamab

Cat. No.: GC74538

Chemical Properties

Cas. No. 2411526-47-9

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

Sotevtamab

Background

Sotevtamab (16B5) is a humanized IgG2 anti-clusterin monoclonal antibody (mAb). Sotevtamab is an inhibitor of the epithelial to mesenchymal transition. Sotevtamab can be used for cancer research.

Sotevtamab inhibits the invasion of PANC-1 pancreatic cancer cells[3].

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

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Sotevtamab (10 and 50 mg/kg, i.v.) is well tolerated and shows no signs of toxicity in monkeys[3].

References:

[1]. Gilles Tremblay, et al. Abstract 1467: AB-16B5, a therapeutic monoclonal antibody against human clusterin that blocks the epithelial-to-mesenchymal transition. Cancer Res 15 April 2010; 70 (8_Supplement): 1467. [2]. Cristiano Ferrario, et al. Phase 1 first-in-human study of anti-clusterin antibody AB-16B5 in patients with advanced solid malignancies. Cancer Res 1 July 2017; 77 (13_Supplement): CT098. [3]. Gilles B. et al. Pre-clinical evaluation of AB-16B5, a monoclonal antibody specific for tumor-associated sCLU, demonstrates therapeutic potential as an inhibitor of EMT in prostate, pancreatic and lung cancer. Cancer Res 15 April 2011; 71 (8_Supplement): LB-33.

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