

Omalizumab

Chemical Properties

CAS No.:	242138-07-4
Formula:	N/A
Molecular Weight:	N/A
Appearance:	N/A
Storage:	store at -20°C

Biological Description

Description	Omalizumab is a recombinant humanized monoclonal antibody against human immunoglobulin E IgE)
Targets(IC ₅₀)	IgE: None
In vitro	Tonsillar B cells at a concentration of 1 × 10 ⁶ /mL in supplemented RPMI1640 were treated with 400 U/mL recombinant IL-4 plus 1 µg/mL anti-CD40 in the presence or absence of omalizumab or control antibody (human IgGκ). Omalizumab was reconstituted in sterile PBS at a concentration of 15 mg/mL. Dilutions of omalizumab were made in RPMI1640. In some instances the cells were pre-treated with FcR blocking reagent. At the indicated times, viable cell numbers were enumerated by their ability to exclude the dye trypan blue . Culture supernatant fluid was harvested for IL-6 quantification by ELISA

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Chan MA, et al.Omalizumab may decrease IgE synthesis by targeting membrane IgE+ human B cells.Clin Transl Allergy. 2013 Sep 2;3(1):29.

Inhibitors · Natural Compounds · Compound Libraries

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