

Solitomab

Chemical Properties

CAS No. :	1005198-65-1
Formula:	
Molecular Weight:	53.94 kDa
Storage:	Store at low temperature -20°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Solitomab (AMG 110) is a bispecific single-chain antibody targeting CD3 and EpCAM/CD326 (epithelial cell adhesion molecule), exhibiting in vitro activity against primary uterine carcinoma and ovarian sarcoma cell lines.
Targets(IC50)	Integrin, Interleukin
In vitro	Solitomab (1 µg/mL; 4 h) exhibits cytotoxicity toward EpCAM-positive cell lines, enhances sensitivity of EpCAM-positive sarcoma (CS) cells to T-cell-mediated cytotoxicity, and increases surface expression of CD25 and HLA-DR proteins on CD8+ and CD4+ T cells [1]. Solitomab (0-2.5 µg/mL; 4 hours) exhibits cytotoxicity against ovarian cancer cells, with optimal killing effect at 1 µg/mL [2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0185 mL	0.0927 mL	0.1854 mL
5 mM	0.0037 mL	0.0185 mL	0.0371 mL
10 mM	0.0019 mL	0.0093 mL	0.0185 mL
50 mM	0.0004 mL	0.0019 mL	0.0037 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481