

IMAB027

Chemical Properties

CAS No. : 1650599-68-0

Formula:

Molecular Weight: 144.42 kDa

Storage: Store at low temperature
-20°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	IMAB027 (ASP1650) is a selective monoclonal antibody against CLDN6 (Claudin 6) with antitumor activity that induces death of CLDN6+ cancer cells through antibody-dependent and complement-dependent cytotoxicity.
Targets(IC50)	Others,HCV Protease,Tight Junction Protein
In vitro	IMAB027 selectively binds to CLDN6 but not to its closely related family members such as Claudins 3, 4 and 9. In CLDN6+-expressing ovarian and testicular cancer cell lines, IMAB027 was able to induce selective antibody-dependent cell-mediated cytotoxicity (ADCC) and complement-dependent cytotoxicity (CDC) in target cells. [1]
In vivo	IMAB027 inhibited tumor growth and improved overall survival in mice transplanted with human CLDN6+ cells. [1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0069 mL	0.0346 mL	0.0692 mL
5 mM	0.0014 mL	0.0069 mL	0.0138 mL
10 mM	0.0007 mL	0.0035 mL	0.0069 mL
50 mM	0.0001 mL	0.0007 mL	0.0014 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

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