

Zolbetuximab

Chemical Properties

CAS No. : 1496553-00-4

Formula:

Molecular Weight: 146.98 kDa

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

Actual storage temperature shall be subject to the COA.

Zolbetuximab

Biological Description

Description	Zolbetuximab(IMAB362) is a monoclonal antibody that specifically targets Claudin-18.2. Zolbetuximab has potential antitumor activity, mediating killing of Claudin-18.2-positive cells through an immune effector mechanism. Zolbetuximab is used in the study of gastrointestinal adenocarcinomas and pancreatic tumors.
Targets(IC50)	Others, Tight Junction Protein
In vitro	IMAB362 (Zolbetuximab) mediates cell death through antibody-dependent cellular cytotoxicity and complement-dependent cytotoxicity.[2]
In vivo	IMAB362 (Zolbetuximab) (33, 100, 300, 600, and 1000 mg/m ² ; adult patients with advanced gastric or gastro-oesophageal junction cancer) was generally well tolerated at all doses, with gastrointestinal toxicities being the most commonly observed treatment-related adverse events. IMAB362 mean half-life ranged from 13 to 24 d. While most patients showed progressive disease at weeks 4-5 after a single intravenous IMAB362 infusion, one patient in the 600 mg/m ² dose group achieved and maintained stable disease for approximately 2 months post-infusion.[2]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0068 mL	0.034 mL	0.068 mL
5 mM	0.0014 mL	0.0068 mL	0.0136 mL
10 mM	0.0007 mL	0.0034 mL	0.0068 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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