

Izalontamab

Chemical Properties

CAS No. :	2559704-24-2
Formula:	
Molecular Weight:	197.21 kDa
Storage:	Store at low temperature
	Store at -20°C

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Izalontamab (SI-B001) is a bispecific EGFR/HER3 monoclonal antibody that binds to both EGFR×EGFR homodimers and EGFR×HER3 heterodimers, thereby blocking downstream pathways. It is applicable for locally advanced or metastatic epithelial tumours, such as non-small cell lung cancer (NSCLC) and head and neck squamous cell carcinoma (HNSCC).
Targets(IC50)	EGFR,HER
In vivo	Izalontamab (5-46 mg/kg, intravenous injection, once every 7 days for a total of 4 doses) demonstrated significant antitumor efficacy in female NOD/SCID mice bearing SW48, FaDu, and KYSE-150 parazacco spilurus subsp. spilurus xenograft tumors. [1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0051 mL	0.0254 mL	0.0507 mL
5 mM	0.001 mL	0.0051 mL	0.0101 mL
10 mM	0.0005 mL	0.0025 mL	0.0051 mL
50 mM	0.0001 mL	0.0005 mL	0.001 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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