

## Inetetamab

## Chemical Properties

CAS No. :

Formula:

Molecular Weight: 145.1 kDa

Store at low temperature

Storage: -20°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Inetetamab is a humanized monoclonal antibody targeting HER2 receptor domain IV, exhibiting antitumor activity through inducing pyroptosis in lung adenocarcinoma. It is used in studies of HER2-positive metastatic breast cancer.
Targets(IC50)	EGFR,HER
In vitro	Inetetamab is a novel anti-HER2 monoclonal antibody. In combination with cisplatin, inetetamab increases ROS levels by inhibiting HER2/AKT/Nrf2 signaling, thereby triggering NLRP3/caspase-1/GSDMB mediated pyroptosis. Synergistically enhance the anti-tumor efficacy of LUAD cells. [1]
In vivo	Inetetamab (20 mg/kg intraperitoneally injected) showed antitumor effects in JIMT-1 xenograft mouse models. Inetetamab (20 mg/kg intraperitoneally injected) in combination with Pyrotinib or Cyclophosphamide demonstrated significant antitumor effects in JIMT-1 and NCI-N87 xenograft mouse models. [2]

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0069 mL	0.0345 mL	0.0689 mL
5 mM	0.0014 mL	0.0069 mL	0.0138 mL
10 mM	0.0007 mL	0.0034 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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