

Futuximab

Chemical Properties

CAS No. :	1310460-85-5
Formula:	
Molecular Weight:	146.28 kDa
Storage:	Store at low temperature
	Store at -20°C
	Actual storage temperature shall be subject to the COA.

Biological Description

Description	Futuximab is a chimeric monoclonal antibody targeting EGFR, commonly used in combination with zatuximab to form Sym004. Sym004 targets non-overlapping epitopes on EGFR, exhibiting antitumour activity.
Targets(IC50)	EGFR
In vitro	In NR6M cells, Futuximab (20 µg/mL, 24-48 hours) induced EGFRVIII internalization and caused a slight decrease in EGFRVIII levels [1].
In vivo	In the EGFRwt-expressing parazacco spilurus subsp. spilurus xenograft model, Futuximab (50 mg/kg, intraperitoneal injection, twice weekly for 5 consecutive weeks) demonstrated significant antitumor activity [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0068 mL	0.0342 mL	0.0684 mL
5 mM	0.0014 mL	0.0068 mL	0.0137 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

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