

Lilotomab

Chemical Properties

CAS No. : 1453362-55-4

Formula:

Molecular Weight: 145.23 kDa

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

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Lilotomab (HH1) is a murine anti-CD37 antibody with anti-tumor activity. It can be used as a synthetic anti-CD37 antibody-radionuclide coupling (¹⁷⁷ Lu-lilotomab satetraxetan).
Targets(IC50)	Apoptosis
In vitro	Lilotomab (0-40 µg/mL, treated for 12 days) significantly reduced clone formation survival of DOHH2 and Ramos cells. Lilotomab (40 µg/mL, 18 hours of treatment) produced mild apoptotic effects on DOHH2 cells. [1]
In vivo	In a mouse model, Lilotomab (0.5 mg/kg, i.v., single dose) effectively inhibited tumor growth. [1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0069 mL	0.0344 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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