

Rilotumumab

Chemical Properties

CAS No. :	872514-65-3
Formula:	
Molecular Weight:	145.2 kDa
Storage:	Store at low temperature -20°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Rilotumumab (AMG 102) is a monoclonal antibody targeting hepatocyte growth factor that inhibits HGF/ MET-driven signaling. Rilotumumab has antitumor effects and can be used to study castration-resistant prostate cancer (CRPC) and gastric cancer.
Targets(IC50)	c-Met/HGFR
In vitro	In an overnight treatment at 10 µg/mL, Rilotumumab induces a decrease in MET phosphorylation at Y1234 and Y1235, accompanied by an increase in total MET[2].
In vivo	In vivo, treatment with Rilotumumab (intraperitoneal injection; 1.5 mg/kg; once every two days; for 11 days) inhibits glioma cell growth[2].

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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