

## Lenzilumab

## Chemical Properties

CAS No. :	1229575-09-0
Formula:	
Molecular Weight:	146.81 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	Lenzilumab (KB 003) is a humanized granulocyte-macrophage colony-stimulating factor (GM-CSF) neutralizing antibody that directly binds to GM-CSF and prevents signaling through its receptor, and can be used to study COVID-19.
Targets(IC50)	c-Fms,SARS-CoV
In vivo	Intraperitoneal injection of 10 mg/kg Lenzilumab once daily for 10 days improved its antitumor effect in NSG mice by inhibiting GM-CSF without impairing the cellular function of CAR-T and at the same time. [1]

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0068 mL	0.0341 mL	0.0681 mL
5 mM	0.0014 mL	0.0068 mL	0.0136 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.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481