

## Mezagitamab

## Chemical Properties

CAS No. :	2227490-52-8
Formula:	
Molecular Weight:	144.4 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	Mezagitamab (TAK-079) is a fully humanized IgG1 $\lambda$ monoclonal antibody against CD38 with high affinity for CD38-expressing cells (including plasma mother cells, plasma cells, and natural killer cells), which depletes CD38-expressing tumor cells through antibody- and complement-dependent cytotoxicity Mezagitamab may be used in the study of recurrent/refractory multiple myeloma (RRMM), which is the most common form of cancer. multiple myeloma (RRMM) and primary thrombocytopenic purpura (ITP).
Targets(IC50)	Apoptosis,CD38

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0069 mL	0.0346 mL	0.0693 mL
5 mM	0.0014 mL	0.0069 mL	0.0139 mL
10 mM	0.0007 mL	0.0035 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.

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