

## Tezepelumab

## Chemical Properties

CAS No. :	1572943-04-4
Formula:	
Molecular Weight:	144.58 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	Tezepelumab (AMG 157) is a humanized monoclonal antibody (IgG2λ) targeting TSLP that prevents TSLP from interacting with its heterodimer receptor. Tezepelumab can be used to study advanced asthma disease.
Targets(IC50)	Others
In vitro	Tezepelumab blocks thymic stromal lymphopoietin, an epithelial cell-derived cytokine implicated in the pathogenesis of asthma[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0069 mL	0.0346 mL	0.0692 mL
5 mM	0.0014 mL	0.0069 mL	0.0138 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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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481