

Pateclizumab

Chemical Properties

CAS No. : 1202526-59-7

Formula:

Molecular Weight: 144.9 kDa

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

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Pateclizumab (MLTA3698A) is a humanized monoclonal antibody targeting lymphotoxin α (LT α), which can be used to study rheumatoid arthritis.
Targets(IC50)	Others
In vitro	Pateclizumab is a human immunoglobulin G1 (IgG1) monoclonal antibody. By blocking the binding of L α 3 to TNFRII and L α 1 β 2 to L β r, the IC50 was 0.29 nM and 0.31 nM, respectively. [1]
In vivo	In cynomolgus monkeys treated with pateclizumab (5, 15, 50 mg/kg), the ratio of fetal to maternal serum concentration was 0.73% on GD 50 and 61% on GD 139. Taking Pateclizumab between the 20th and 132nd days of gestation does not induce maternal or fetal developmental toxicity. [1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0069 mL	0.0345 mL	0.069 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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