

Ozoralizumab

Chemical Properties

CAS No. : 1167985-17-2

Formula:

Molecular Weight: 38.44 kDa

Store at low temperature

Storage: -20°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Ozoralizumab (ATN-103) is a humanized anti-TNF α antibody and a novel TNF α inhibitor. Ozoralizumab binds human serum albumin and can be used to study rheumatoid arthritis.
Targets(IC50)	TNF
In vitro	METHODS: Ozoralizumab (ATN-103) (0.1-1000pM) was used to treat L929 cells and its high TNF α neutralizing potency was determined. RESULTS: Ozoralizumab (ATN-103) has high TNF α neutralizing potency, with very similar binding and dissociation properties, and KD values for human TNF α and monkey TNF α are 20.2 pM and 16.1 pM, respectively. [1]
In vivo	METHODS: Tg197 mice were injected subcutaneously with 1 mg/kg dose of Ozoralizumab (ATN-103) twice weekly to evaluate the formation of ADA against each anti-TNF α antibody and the effect of long-term administration of these anti-TNF α antibodies on TNF α -mediated TNF α in Tg197 mice. Efficacy of polyarthritis. RESULTS: Ozoralizumab (ATN-103) significantly and comparably reduced arthritis scores. [1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.026 mL	0.1301 mL	0.2601 mL
5 mM	0.0052 mL	0.026 mL	0.052 mL
10 mM	0.0026 mL	0.013 mL	0.026 mL
50 mM	0.0005 mL	0.0026 mL	0.0052 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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