

Ocrelizumab

Chemical Properties

CAS No. :

Formula:

Molecular Weight: 145.8 kDa

Store at low temperature

Storage: -20°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Ocrelizumab (IDC-2403) is a humanized monoclonal antibody directed against CD20 for the treatment of multiple sclerosis.
Targets(IC50)	Immunology/Inflammation related
In vivo	In a mouse model of multiple sclerosis, Ocrelizumab, administered subcutaneously or intravenously at a dose of 7.5 mg/kg once daily for 18 days, induced B-cell depletion by an antibody-dependent cellular cytotoxicity (ADCC) mechanism to inhibit lesions. In C57BL/6 mice, Ocrelizumab administered intravenously at a dose of 50 µg on days 7, 14, and 21 significantly reduced B and T cells in the blood, lymph nodes, and spleen.[1] [2]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0069 mL	0.0343 mL	0.0686 mL
5 mM	0.0014 mL	0.0069 mL	0.0137 mL
10 mM	0.0007 mL	0.0034 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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