

## Otlertuzumab

## Chemical Properties

CAS No. : 1372645-37-8

Formula:

Molecular Weight: 144.65 kDa

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

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Otlertuzumab (TRU-016) is a humanized monoclonal antibody that specifically targets the CD37 antigen, which is highly expressed on the surface of B-cells. this targeted mechanism of action supports its ongoing clinical investigation for the treatment of relapsed or refractory B-cell malignancies, including follicular non-Hodgkin lymphoma (FL), mantle cell lymphoma (MCL), and Waldenström's macroglobulinaemia (WM).
Targets(IC50)	Others
In vitro	Otlertuzumab (TRU-016), being developed by Trubion Pharmaceuticals Inc and Facet Biotech Corp, is an intravenously administered anti-CD37 IgG fusion protein for the treatment of B-cell malignancies, including chronic lymphocytic leukemia (CLL) and non-Hodgkin lymphoma (NHL), as well as autoimmune and inflammatory diseases.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0069 mL	0.0346 mL	0.0691 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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