

## Ofatumumab

## Chemical Properties

CAS No. : 679818-59-8  
Formula:  
Molecular Weight: 146.0 kDa  
Storage: Store at low temperature  
-20°C for 1 year  
Actual storage temperature shall be subject to the COA.

## Biological Description

|               |   |
|---------------|---|
| Description   | Ofatumumab is a humanized monoclonal antibody targeting CD20. Ofatumumab acts on CD20-expressing B lymphocytes, inducing antibody-dependent cell-mediated cytotoxicity and complement-dependent cytotoxicity. |
| Targets(IC50) | Others,Immunology/Inflammation related  |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 0.0068 mL | 0.0342 mL | 0.0685 mL |
| 5 mM  | 0.0014 mL | 0.0068 mL | 0.0137 mL |
| 10 mM | 0.0007 mL | 0.0034 mL | 0.0068 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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