

## Ipilimumab

## Chemical Properties

CAS No. : 477202-00-9

Formula:

Molecular Weight: 145.38 kDa

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

Actual storage temperature shall be subject to the COA.

## Ipilimumab

## Biological Description

Description	Ipilimumab (anti-CTLA-4) is an immunomodulatory monoclonal antibody directed against the cell surface antigen CTLA-4 and also a type of immune checkpoint inhibitor.
Targets(IC50)	Others,Immunology/Inflammation related
Cell Research	Objective: Ipilimumab augments antitumor activity of bispecific antibody-armed T cells. Concentrations: 0, 0.5, 5.0, and 50 µg/mL. Incubation Time: 10-14 days. Method: hPBMC were stimulated with anti-CD3 monoclonal antibody with or without ipilimumab and expanded for 10-14 days. ATC were harvested and armed with anti-CD3 x anti-EGFR BiAb (EGFRBi) or anti-CD3 x anti-CD20 BiAb (CD20Bi) to test for redirected cytotoxicity against COLO356/FG pancreatic cancer cell line or Burkitt's lymphoma cell line (Daudi).
Animal Research	Objective: To investigate whether Ipilimumab and PD-1 antibody enhance the ability of T cells to control the outgrowth of EBV-induced lymphomas. Formulation: PBS. Dosages: 100 µg, three times weekly

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0069 mL	0.0344 mL	0.0688 mL
5 mM	0.0014 mL	0.0069 mL	0.0138 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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