

Ipilimumab

Chemical Properties

CAS No. : 477202-00-9
Formula:
Molecular Weight:
Appearance: no data available
Storage: store at -20°C

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
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

Reference

Hu-Lieskovan S, et al. Combining targeted therapy with immunotherapy in BRAF-mutant melanoma: promise and challenges. J Clin Oncol. 2014 Jul 20;32(21):2248-54.

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