

IMMU-114

Chemical Properties

CAS No. :

Formula:

Molecular Weight: 145.1 kDa

Store at low temperature

Storage: -20°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	IMMU-114 is a humanized antibody targeting HLA-DR, which inhibits human responses to bovine cells, used in malignant tumor research.
Targets(IC50)	Others
In vitro	IMMU-114 can effectively inhibit human cell response to cattle. The mechanism involves direct inhibition of interactions between Class II human leukocyte antigen DR Positive cells and CD4 (+) T cells, as well as indirect inhibition of Th1 cytokine production. [1] In allogeneic MLRs, IMMU-114 treatment inhibited T cell proliferation and reduced CD25 (+) alloreactive T cells. [2]
In vivo	In seven human disease models (acute lymphoblastic leukemia (ALL), chronic lymphoblastic leukemia (CLL), multiple myeloma (MM), acute myeloid leukemia (AML), diffuse large B-cell lymphoma (DLBCL), Hodgkin lymphoma (HL), and melanoma), IMMU-114 has anti-tumor effect. [3]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0069 mL	0.0345 mL	0.0689 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481