

Uliledlimab

Chemical Properties

CAS No. : 2378407-27-1

Formula:

Molecular Weight: 145.02 kDa

Store at low temperature

Storage: Store at -20°C

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Uliledlimab is a humanized monoclonal antibody with potent inhibitory activity against CD73, the ecto-5'-nucleotidase enzyme that catalyzes the conversion of extracellular AMP to adenosine. Uliledlimab reduces extracellular adenosine production, thereby modulating immunosuppressive pathways. Uliledlimab holds significant potential for use in immuno-oncology and cancer research.
Targets(IC50)	cAMP,CD73
In vitro	Uliledlimab completely inhibits the enzymatic activity of CD73 by binding to the C-terminal domain of the CD73 protein <i>broussonetia papyrifera</i> . By blocking adenosine production, Uliledlimab alleviates immune cell suppression, enhances the activity of CD8+ T cells and macrophages, and ultimately strengthens the anti-tumor immune response [1].
In vivo	Uliledlimab, when used alone or in combination with the PD-L1 inhibitor Atezolizumab, can effectively inhibit the growth of solid tumors [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0069 mL	0.0345 mL	0.069 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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