

Orticumab

Chemical Properties

CAS No. : 1314241-10-5

Formula:

Molecular Weight:

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

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Orticumab (MLDL1278A) is a recombinant human monoclonal antibody engineered to specifically bind to epitopes on oxidized low-density lipoprotein (oxLDL). it demonstrates therapeutic potential by modulating autoimmune responses against oxLDL, thereby improving atherosclerotic plaque pathology, and also shows significant promise for the treatment of autoimmune inflammatory conditions such as psoriasis.
Targets(IC50)	LDL,LDLR
In vivo	Methods: Orticumab (10 mg/kg, intraperitoneal injection, once a week for three weeks) was used to treat B6.lpr.ApoE-/- mice (18 weeks old) fed a high-fat diet (HFD) and its therapeutic effect was observed. Results: Orticumab treatment reduced aortic arch atherosclerosis by 42.8% and CD68 macrophage subvalvular plaque staining by 30.5%. [1]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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