

MEDI-2045

Chemical Properties

CAS No. : 2241728-76-5

Formula:

Molecular Weight:

Storage: Store at low temperature
Store at -20°C

Actual storage temperature shall be subject to the COA.

Biological Description

Description	MEDI-2045 is a humanized monoclonal antibody targeting the interleukin-4 receptor alpha subunit (IL-4Ra). IL-4Ra is a pivotal receptor driving Type 2 inflammation, serving as an essential component of the shared receptor complexes for both IL-4 and IL-13. By specifically binding to IL-4Ra, this antibody dually blocks IL-4 and IL-13 signaling, thereby inhibiting the downstream JAK-STAT signaling pathway. This mechanism significantly attenuates inflammation involved in Th2 cell activation, B-cell class switching to IgE, and eosinophil recruitment, making it a critical tool for immunological research in asthma, atopic dermatitis, and other allergic diseases.
Targets(IC50)	IL Receptor

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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