

Diridavumab

Chemical Properties

CAS No. : 1393659-46-5

Formula:

Molecular Weight:

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

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Diridavumab represents a highly specialized fully human broadly neutralizing monoclonal antibody specifically engineered to target the highly conserved stem region of the influenza A virus hemagglutinin with exceptional binding affinity and selectivity, effectively facilitating the measurable blockade of the pH-induced conformational change required for membrane fusion across various preclinical experimental models to evaluate the prophylactic efficacy against diverse influenza subtypes during strictly monitored laboratory observation periods.
Targets(IC50)	Influenza Virus
In vitro	In microneutralization assays against Group 1 influenza A viruses, Diridavumab bound to the HA stem region with high affinity and inhibited viral replication [1].
In vivo	In a lethal H2N2 influenza challenge mouse model, systemic administration of Diridavumab (1 mg/kg) provided complete protection from mortality and reduced weight loss [1].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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