

KHK-2898

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

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

Actual storage temperature shall be subject to the COA.

Biological Description

Description	KHK-2898 represents a highly specialized humanized monoclonal antibody specifically engineered to target the CD98 heavy chain (CD98hc/SLC3A2) with exceptional binding affinity to the human and monkey LAT1/CD98hc complex. It effectively facilitates the measurable blockade of amino acid transport and the induction of potent antibody-dependent cellular cytotoxicity (ADCC) across various preclinical experimental models to evaluate the disruption of tumor nutrient uptake and metabolic homeostasis during strictly monitored laboratory observation periods and functional cell viability assays.
Targets(IC50)	Others
In vitro	In human and monkey LAT1-expressing cell lines, KHK-2898 bound to LAT1 with dual avidity modes and inhibited amino acid uptake [1].
In vivo	In human tumor xenograft models, systemic administration of KHK-2898 exhibited significant anti-tumor effects by blocking LAT1-mediated nutrient uptake [1].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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