

hCAXII-IN-10

## Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	hCAXII-IN-10 (Compound 18b) acts as a dual inhibitor of human carbonic anhydrase isoenzyme XII (hCAXII) and cathepsin B, with a $K_i$ value of 2.2 nM. It inhibits the function of hCAXII in creating a pH microenvironment conducive to tumor growth, showing promise for use in cancer research.
Targets(IC50)	Serine Protease

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