

hCA-IN-1

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	hCA-IN-1 (Compound 5u) is an hCA inhibitor with Ki values of 159.2 nM for hCA I, 4.8 nM for hCA II, 15.5 nM for CAIX, and 2 nM for CAXII. It demonstrates broad-spectrum anticancer activity against melanoma, breast cancer, and colon cancer cells. ADME predictions indicate that hCA-IN-1 has good solubility and oral bioavailability. This compound is useful in tumor research.
Targets(IC50)	Carbonic Anhydrase

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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