

hCA XII/II/IX-IN-1

Chemical Properties

CAS No. :

Formula: C₂₅H₃₄N₄O₇S

Molecular Weight: 534.63

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 XII/II/IX-IN-1 is a potent inhibitor of human carbonic anhydrase (hCA), acting on hCA I (IC ₅₀ : 2.6 μM), hCA II (IC ₅₀ : 0.004 μM), hCA IX (IC ₅₀ : 0.005 μM), and hCA XII (IC ₅₀ : 0.001 μM). hCA XII/II/IX-IN-1 exhibited anticancer effects.
Targets(IC ₅₀)	Others,Carbonic Anhydrase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8705 mL	9.3523 mL	18.7045 mL
5 mM	0.3741 mL	1.8705 mL	3.7409 mL
10 mM	0.187 mL	0.9352 mL	1.8705 mL
50 mM	0.0374 mL	0.187 mL	0.3741 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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