

hCAII-IN-7

Chemical Properties

CAS No. :

Formula: C₂₀H₂₅N₃O₄S

Molecular Weight: 403.5

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	Compound R-13, also known as hCAII-IN-7, is a powerful inhibitor of human carbonic anhydrase (hCA), exhibiting inhibition constants (K _i) of 60.7 nM for hCA I, 320.7 nM for hCA II, 2298 nM for hCA IV, and 35.2 nM for hCA IX, respectively [1].
Targets(IC50)	Others,Carbonic Anhydrase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4783 mL	12.3916 mL	24.7831 mL
5 mM	0.4957 mL	2.4783 mL	4.9566 mL
10 mM	0.2478 mL	1.2392 mL	2.4783 mL
50 mM	0.0496 mL	0.2478 mL	0.4957 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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