

hCAXII-IN-2

Chemical Properties

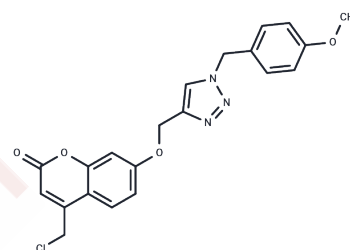
CAS No. : 2497504-86-4

Formula: C₂₁H₁₈ClN₃O₄

Molecular Weight: 411.84

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-2 (compound 5i) is a potent inhibitor of human carbonic anhydrase XII (hCA XII) with a K_i of 84.2 nM and hCA IX with a K_i of 268.5 nM, exhibiting low activity against hCA I and hCA II.
Targets(IC50)	Others,Carbonic Anhydrase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4281 mL	12.1406 mL	24.2813 mL
5 mM	0.4856 mL	2.4281 mL	4.8563 mL
10 mM	0.2428 mL	1.2141 mL	2.4281 mL
50 mM	0.0486 mL	0.2428 mL	0.4856 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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