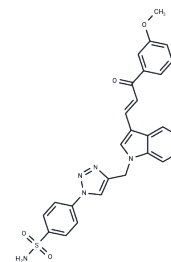


hCA I-IN-1

Chemical Properties

CAS No. : 2417232-26-7
 Formula: C₂₇H₂₃N₅O₄S
 Molecular Weight: 513.57
 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 I-IN-1 is a human carbonic anhydrase I (hCA I) inhibitor that acts on hCA I (K _i : 38.3 nM), hCA II (K _i : 716.4 nM), hCAIX (K _i : 940.1 nM) and hCAXII (K _i : 192.8 nM).
Targets(IC50)	Others,Carbonic Anhydrase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9472 mL	9.7358 mL	19.4715 mL
5 mM	0.3894 mL	1.9472 mL	3.8943 mL
10 mM	0.1947 mL	0.9736 mL	1.9472 mL
50 mM	0.0389 mL	0.1947 mL	0.3894 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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