

hCAII-IN-4

Chemical Properties

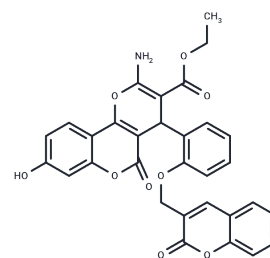
CAS No. : 2816080-18-7

Formula: C₃₁H₂₃N₉O

Molecular Weight: 553.52

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	hCAII-IN-4 (Compound 12j) is a potent inhibitor of human carbonic anhydrase II (hCA II), exhibiting an inhibitory concentration (IC ₅₀) of 7.78 μM. Additionally, it demonstrates inhibition of β-glucuronidase, presenting an IC ₅₀ value of 773.9 μM [1].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8066 mL	9.0331 mL	18.0662 mL
5 mM	0.3613 mL	1.8066 mL	3.6132 mL
10 mM	0.1807 mL	0.9033 mL	1.8066 mL
50 mM	0.0361 mL	0.1807 mL	0.3613 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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