

hCAII-IN-4

## Chemical Properties

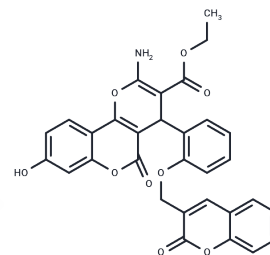
CAS No. : 2816080-18-7

Formula: C<sub>31</sub>H<sub>23</sub>N<sub>0</sub>O<sub>9</sub>

Molecular Weight: 553.52

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	hCAII-IN-4 (Compound 12j) is a potent inhibitor of human carbonic anhydrase II (hCA II) with an IC <sub>50</sub> of 7.78 μM, and also inhibits β-glucuronidase with an IC <sub>50</sub> of 773.9 μM [1].
Targets(IC <sub>50</sub> )	Others,Carbonic Anhydrase

## 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.

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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Tel:781-999-4286

E\_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481