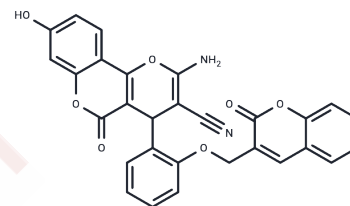


## hCAII-IN-5

## Chemical Properties

CAS No. :	2816080-16-5
Formula:	C <sub>29</sub> H <sub>18</sub> N <sub>2</sub> O <sub>7</sub>
Molecular Weight:	506.46
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-5 (compound 12h) is a potent and selective inhibitor of human carbonic anhydrase II (hCA II) with an inhibition constant (IC <sub>50</sub> ) of 4.55 μM [1].
Targets(IC <sub>50</sub> )	Others,Carbonic Anhydrase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9745 mL	9.8724 mL	19.7449 mL
5 mM	0.3949 mL	1.9745 mL	3.949 mL
10 mM	0.1974 mL	0.9872 mL	1.9745 mL
50 mM	0.0395 mL	0.1974 mL	0.3949 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**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481