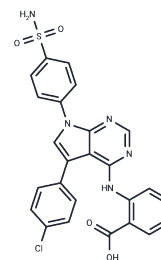


## hCAII-IN-2

## Chemical Properties

CAS No. :	2408599-78-8
Formula:	C <sub>25</sub> H <sub>18</sub> ClN <sub>5</sub> O <sub>4</sub> S
Molecular Weight:	519.96
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-2 is a cytoplasmic human carbonic anhydrase (hCA) inhibitor that acts on hCA I (K <sub>i</sub> : 261.4 nM), hCA II (K <sub>i</sub> : 3.8 nM), hCA IX (K <sub>i</sub> : 19.6 nM) and hCA XII (K <sub>i</sub> : 45.2 nM).
Targets(IC50)	Others,Carbonic Anhydrase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9232 mL	9.6161 mL	19.2322 mL
5 mM	0.3846 mL	1.9232 mL	3.8464 mL
10 mM	0.1923 mL	0.9616 mL	1.9232 mL
50 mM	0.0385 mL	0.1923 mL	0.3846 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

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