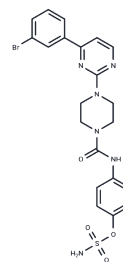


## hCAIX-IN-3

## Chemical Properties

CAS No. :	2375461-31-5
Formula:	C <sub>21</sub> H <sub>21</sub> BrN <sub>6</sub> O <sub>4</sub> S
Molecular Weight:	533.4
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-3 (compound 7e) is a selective and potent inhibitor of carbonic anhydrase (CA II/IX), with $K_i$ values of 124.2 nM and 30.5 nM, respectively. hCAII-IN-1 shows investigational potential for cancer disease.
Targets(IC50)	Others,Carbonic Anhydrase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8748 mL	9.3738 mL	18.7477 mL
5 mM	0.375 mL	1.8748 mL	3.7495 mL
10 mM	0.1875 mL	0.9374 mL	1.8748 mL
50 mM	0.0375 mL	0.1875 mL	0.375 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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