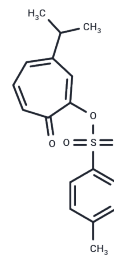


hCAIX/XII-IN-15

## Chemical Properties

CAS No. : 69141-46-4  
 Formula: C<sub>17</sub>H<sub>18</sub>O<sub>4</sub>S  
 Molecular Weight: 318.387  
 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	hCAIX/XII-IN-15 (Compound 17β) is an inhibitor of hCA IX and hCA XII, exhibiting Ki values of 0.42 and 4.37 μM, respectively. It demonstrates a pro-apoptotic effect in multiple myeloma cells.
Targets(IC50)	Carbonic Anhydrase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1408 mL	15.704 mL	31.408 mL
5 mM	0.6282 mL	3.1408 mL	6.2816 mL
10 mM	0.3141 mL	1.5704 mL	3.1408 mL
50 mM	0.0628 mL	0.3141 mL	0.6282 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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