

hCAIX-IN-6

## Chemical Properties

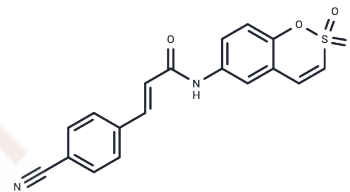
CAS No. : 2451479-86-8

Formula: C<sub>18</sub>H<sub>12</sub>N<sub>2</sub>O<sub>4</sub>S

Molecular Weight: 352.36

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	Compounds 6B and 14g demonstrated significant inhibitory effects on the tumor-related subtype [HCA IX] with low nanomolar potency, while 6K was effective on [HCA XII]. These compounds can be considered leading molecules for developing future cancer therapeutic drugs based on new mechanisms of action.
Targets(IC50)	Others,Carbonic Anhydrase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.838 mL	14.190 mL	28.3801 mL
5 mM	0.5676 mL	2.838 mL	5.676 mL
10 mM	0.2838 mL	1.419 mL	2.838 mL
50 mM	0.0568 mL	0.2838 mL	0.5676 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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