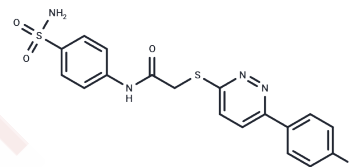


## Carbonic anhydrase inhibitor 17

## Chemical Properties

CAS No. :	3033849-05-4
Formula:	C <sub>18</sub> H <sub>15</sub> ClN <sub>4</sub> O <sub>3</sub> S <sub>2</sub>
Molecular Weight:	434.92
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	Carbonic anhydrase inhibitor 17 (compound 7c) is a pyrazine-based sulfonamide that acts as a carbonic anhydrase II inhibitor, with an IC <sub>50</sub> value of 0.63 nM.
Targets(IC <sub>50</sub> )	Carbonic Anhydrase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2993 mL	11.4964 mL	22.9927 mL
5 mM	0.4599 mL	2.2993 mL	4.5985 mL
10 mM	0.2299 mL	1.1496 mL	2.2993 mL
50 mM	0.046 mL	0.2299 mL	0.4599 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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