

Carbonic anhydrase inhibitor 26

Chemical Properties

CAS No. :

Formula: C17H14N6O4

Molecular Weight: 366.33

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	Compound 6T, designated as Carbonic anhydrase inhibitor26, acts as an inhibitor of Carbonic Anhydrase II (Carbonic AnhydraseII), exhibiting an IC50 value of $9.10 \pm 0.26 \mu\text{M}$.
Targets(IC50)	Carbonic Anhydrase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7298 mL	13.6489 mL	27.2978 mL
5 mM	0.546 mL	2.7298 mL	5.4596 mL
10 mM	0.273 mL	1.3649 mL	2.7298 mL
50 mM	0.0546 mL	0.273 mL	0.546 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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