

Carbonic anhydrase inhibitor 10

Chemical Properties

CAS No. :

Formula: C14H17N5O3S

Molecular Weight: 335.38

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 10 can be used in the research of cancer that shows anti-proliferative activity against MCF-7 cancer cell line with an IC50 of 11.9 μ M. Carbonic anhydrase inhibitor 10 is a potent inhibitor of h CA IX with a Ki value of 6.2 nM [1].
Targets(IC50)	Others,Carbonic Anhydrase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9817 mL	14.9085 mL	29.8169 mL
5 mM	0.5963 mL	2.9817 mL	5.9634 mL
10 mM	0.2982 mL	1.4908 mL	2.9817 mL
50 mM	0.0596 mL	0.2982 mL	0.5963 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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