

SH7s

Chemical Properties

CAS No. :

Formula: C₂₄H₁₉ClF₃N₅O₄S

Molecular Weight: 565.95

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	SH7s is an effective carbonic anhydrase inhibitor, exhibiting Ki values of 15.9 nM for hCA IX and 55.2 nM for hCA XII. Additionally, SH7s acts as a hypoxia-mediated chemosensitizer in colorectal cancer cells.
Targets(IC50)	Carbonic Anhydrase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7669 mL	8.8347 mL	17.6694 mL
5 mM	0.3534 mL	1.7669 mL	3.5339 mL
10 mM	0.1767 mL	0.8835 mL	1.7669 mL
50 mM	0.0353 mL	0.1767 mL	0.3534 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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