

CAII-IN-3

Chemical Properties

CAS No. :

Formula: C18H18F2N4S

Molecular Weight: 360.42

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	CAII-IN-3 (compound 3h) is a thiosemicarbazone derivative that potently inhibits carbonic anhydrase-II (CA-II), exhibiting an IC50 value of 13.4 μ M [1].
Targets(IC50)	Others,Carbonic Anhydrase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7745 mL	13.8727 mL	27.7454 mL
5 mM	0.5549 mL	2.7745 mL	5.5491 mL
10 mM	0.2775 mL	1.3873 mL	2.7745 mL
50 mM	0.0555 mL	0.2775 mL	0.5549 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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