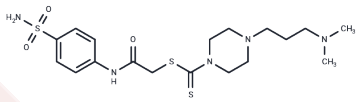
Data Sheet (Cat.No.T62892)

TargetMol

hCAI/II-IN-1

Chemical Properties



CAS No. : 2422028-82-6

Formula: C18H29N5O3S3

Molecular Weight: 459.65

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	hCAI/II-IN-1 (Compound 3h) is a human carbonic anhydrase I and II (hCA I/II) inhibitor, with an IC50 value of 0.047 μM for hCA I and 0.024 μM for hCA II.
Targets(IC50)	Others,Carbonic Anhydrase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1756 mL	10.8778 mL	21.7557 mL
5 mM	0.4351 mL	2.1756 mL	4.3511 mL
10 mM	0.2176 mL	1.0878 mL	2.1756 mL
50 mM	0.0435 mL	0.2176 mL	0.4351 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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