

CZP-IN-1

Chemical Properties

CAS No. :

Formula: C₂₀H₂₆N₄O₄S

Molecular Weight: 418.51

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	CZP-IN-1 (compound SH-1) is an inhibitor targeting the pathogen Trypanosoma cruzi protease (CZP) without affecting cathepsin L (IC ₅₀ =28 nM). This compound is applicable in Chagas disease research.
Targets(IC ₅₀)	Casein Kinase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3894 mL	11.9471 mL	23.8943 mL
5 mM	0.4779 mL	2.3894 mL	4.7789 mL
10 mM	0.2389 mL	1.1947 mL	2.3894 mL
50 mM	0.0478 mL	0.2389 mL	0.4779 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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