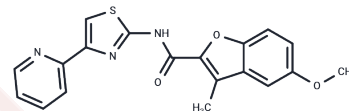


LAPTc-IN-1

Chemical Properties

CAS No. : 930898-33-2
 Formula: C₁₉H₁₅N₃O₃S
 Molecular Weight: 365.41
 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	LAPTc-IN-1 (compound 4), with a K _i of 0.27 μM, serves as a competitive inhibitor of acidic M17 leucinepeptidase (LAPTc) and stands as a potential antagonist against the parasite Trypanosoma cruzi [1].
Targets(IC50)	Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7367 mL	13.6833 mL	27.3665 mL
5 mM	0.5473 mL	2.7367 mL	5.4733 mL
10 mM	0.2737 mL	1.3683 mL	2.7367 mL
50 mM	0.0547 mL	0.2737 mL	0.5473 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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