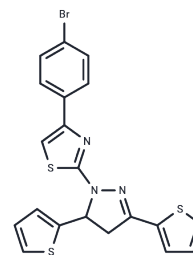


DHFR-IN-10

Chemical Properties

CAS No. : 929484-47-9
 Formula: C₂₀H₁₄BrN₃S₃
 Molecular Weight: 472.44
 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	DHFR-IN-10 (compound 4c) is a potent inhibitor of dihydrofolate reductase (DHFR), exhibiting an IC ₅₀ of 4.21 μM against Mycobacterium tuberculosis DHFR enzyme and demonstrating strong antituberculosis efficacy [1].
Targets(IC ₅₀)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1167 mL	10.5834 mL	21.1667 mL
5 mM	0.4233 mL	2.1167 mL	4.2333 mL
10 mM	0.2117 mL	1.0583 mL	2.1167 mL
50 mM	0.0423 mL	0.2117 mL	0.4233 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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