

Mtb against-1

Chemical Properties

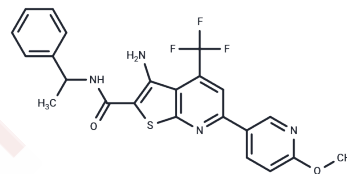
CAS No. :

Formula: C₂₃H₁₉F₃N₄O₂S

Molecular Weight: 472.48

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	Mtb against-1 (compound 17af) is an inhibitor of Mycobacterium tuberculosis, demonstrating an IC ₉₀ of 1.2 μM against wild-type strains and 0.9 μM against low-permeability LepB strains.
Targets(IC ₅₀)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1165 mL	10.5825 mL	21.1649 mL
5 mM	0.4233 mL	2.1165 mL	4.233 mL
10 mM	0.2116 mL	1.0582 mL	2.1165 mL
50 mM	0.0423 mL	0.2116 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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