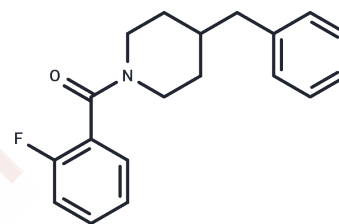


Mycobacterium Tuberculosis-IN-6

Chemical Properties

CAS No. : 260428-61-3
 Formula: C₁₉H₂₀FNO
 Molecular Weight: 297.367
 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	Mycobacterium Tuberculosis-IN-6 (compound b1) is an inhibitor of the enoyl reductase InhA from Mycobacterium tuberculosis, with an IC ₅₀ value of 7.74 μM. It is useful in antibacterial research.
Targets(IC ₅₀)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3628 mL	16.8141 mL	33.6281 mL
5 mM	0.6726 mL	3.3628 mL	6.7256 mL
10 mM	0.3363 mL	1.6814 mL	3.3628 mL
50 mM	0.0673 mL	0.3363 mL	0.6726 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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