

Antitubercular agent-13

Chemical Properties

CAS No. :

Formula: C₁₈H₁₈N₄O₅

Molecular Weight: 370.36

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	Antitubercular agent-13 (Compound 3d) is an antitubercular compound with MIC values of 0.007 µg/mL against MTB H37Rv and 1.851 µg/mL against MDR-MTB 16833, respectively, and exhibits metabolic instability [1].
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7001 mL	13.5004 mL	27.0008 mL
5 mM	0.540 mL	2.7001 mL	5.4002 mL
10 mM	0.270 mL	1.350 mL	2.7001 mL
50 mM	0.054 mL	0.270 mL	0.540 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.

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