

Antitubercular agent-15

Chemical Properties

CAS No. :

Formula: C₂₁H₂₉FN₂

Molecular Weight: 328.47

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-15 (Compound 5n) is an antitubercular agent with low cytotoxicity against pulmonary fibroblasts and macrophages. The MIC ₉₀ values against M. tuberculosis H37Rv, CF16, CF61, CF76, CF152, and CF161 are 0.73, 7.69, 9.38, 18.80, 7.53, and 7.31 µg/mL, respectively [1].
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0444 mL	15.2221 mL	30.4442 mL
5 mM	0.6089 mL	3.0444 mL	6.0888 mL
10 mM	0.3044 mL	1.5222 mL	3.0444 mL
50 mM	0.0609 mL	0.3044 mL	0.6089 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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