

5-Fluoroindole

Chemical Properties

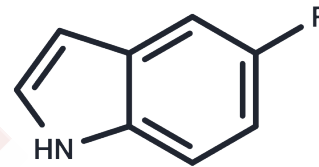
CAS No. : 399-52-0

Formula: C₈H₆FN

Molecular Weight: 135.1383

Storage: Keep away from direct sunlight, Store under nitrogen
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	5-Fluoroindole is an antimicrobial agent known to inhibit Mycobacterium tuberculosis with a minimum inhibitory concentration (MIC) of 4.7 μM. It demonstrates metabolic stability in rat liver microsomes and exhibits antitubercular activity in mice.
Targets(IC50)	Apoptosis, Antibacterial, ROS

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.3997 mL	36.9987 mL	73.9973 mL
5 mM	1.4799 mL	7.3997 mL	14.7995 mL
10 mM	0.740 mL	3.6999 mL	7.3997 mL
50 mM	0.148 mL	0.740 mL	1.4799 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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Tel: 781-999-4286

E_mail: info@targetmol.com

Address: 34 Washington Street, Wellesley Hills, MA 02481