

1-Methoxy-4-propylbenzene

Chemical Properties

CAS No. :	104-45-0
Formula:	C10H14O
Molecular Weight:	150.218
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	1-Methoxy-4-propylbenzene exhibits antibacterial activity against Mycobacterium tuberculosis and inhibitory activity against PDH, making it suitable for the treatment of tuberculosis infections.
Targets(IC50)	Antibacterial,Dehydrogenase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.6569 mL	33.2845 mL	66.569 mL
5 mM	1.3314 mL	6.6569 mL	13.3138 mL
10 mM	0.6657 mL	3.3285 mL	6.6569 mL
50 mM	0.1331 mL	0.6657 mL	1.3314 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.

Reference

WONG CHI-HUEY , WU YING-TA. COMPOUNDS AND METHODS FOR TREATING TUBERCULOSIS INFECTION.
WO2012006104 A2

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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