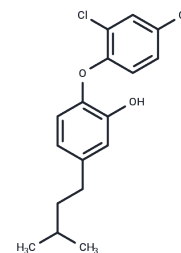


InhA-IN-7

Chemical Properties

CAS No. :	952588-17-9
Formula:	C ₁₇ H ₁₈ Cl ₂ O ₂
Molecular Weight:	325.23
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	InhA-IN-7 (Compound 11), a derivative of Triclocan, shows inhibitory activity against enoyl-acyl carrier protein reductase (InhA) with an IC ₅₀ of 96 nM. It effectively inhibits the proliferation of both wildtype and mutant strains of Mycobacterium tuberculosis, exhibiting minimum inhibitory concentrations (MICs) ranging from 19 to 75 μM [1].
Targets(IC ₅₀)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0747 mL	15.3737 mL	30.7475 mL
5 mM	0.6149 mL	3.0747 mL	6.1495 mL
10 mM	0.3075 mL	1.5374 mL	3.0747 mL
50 mM	0.0615 mL	0.3075 mL	0.6149 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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