

14 $\alpha$ -Demethylase/DNA Gyrase-IN-1

## Chemical Properties

CAS No. :

Formula: C<sub>26</sub>H<sub>22</sub>N<sub>4</sub>O<sub>4</sub>

Molecular Weight: 454.48

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	14 $\alpha$ -Demethylase/DNA Gyrase-IN-1 (Compound 7c) is a potent inhibitor of 14 $\alpha$ -Demethylase/DNA Gyrase, exhibiting antibacterial activity.
Targets(IC50)	Others,Antibacterial,DNA/RNA Synthesis

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2003 mL	11.0016 mL	22.0032 mL
5 mM	0.4401 mL	2.2003 mL	4.4006 mL
10 mM	0.220 mL	1.1002 mL	2.2003 mL
50 mM	0.044 mL	0.220 mL	0.4401 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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