

## RNA polymerase-IN-3

### Chemical Properties

CAS No. :

Formula:

Molecular Weight:

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	RNA polymerase-IN-3 is an inhibitor of bacterial RNA polymerase (RNAP) with antimicrobial properties. It suppresses RNA synthesis by competitively blocking UTP from binding to RNAP, with an inhibitory concentration (IC <sub>50</sub> ) of 0.28 μM. RNA polymerase-IN-3 holds potential for research into bacterial infections.
Targets(IC <sub>50</sub> )	Antibacterial,DNA/RNA Synthesis

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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