

NusB-IN-1

## Chemical Properties

CAS No. :

Formula: C<sub>21</sub>H<sub>16</sub>N<sub>2</sub>O<sub>3</sub>

Molecular Weight: 344.36

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	NusB-IN-1 (Compound 22r) is a highly effective, orally administered bacterial rRNA synthesis inhibitor with potent antimicrobial activity against MRSA and VRSA [1].
Targets(IC50)	Others,Antibacterial,DNA/RNA Synthesis

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9039 mL	14.5197 mL	29.0394 mL
5 mM	0.5808 mL	2.9039 mL	5.8079 mL
10 mM	0.2904 mL	1.452 mL	2.9039 mL
50 mM	0.0581 mL	0.2904 mL	0.5808 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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