

Antibacterial agent 273

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

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| Description | Antibacterialagent 273 (Compound 15e) is an antimicrobial agent targeting bacterial cell membranes, effectively disrupting them with a MIC value of 4 µg/mL against Staphylococcus aureus. It causes the leakage of intracellular nucleic acids and proteins, inhibits bacterial metabolic activity, and induces the accumulation of reactive oxygen species (ROS) within bacteria. Antibacterialagent 273 is applicable in research on infections caused by Staphylococcus aureus. |
| Targets(IC50) | Reactive Oxygen Species,Antibacterial,ROS |

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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