

Antibacterial agent 274

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	Antibacterialagent 274 (Compound 18b) is an antibacterial agent that targets bacterial cell membranes, exhibiting a minimum inhibitory concentration (MIC) of 8 µg/mL against Acinetobacter baumannii ATCC 17978. It functions by disrupting membrane integrity, causing intracellular accumulation of ROS, which leads to DNA and protein leakage, thereby exerting its antibacterial effects. Antibacterialagent 274 is applicable in research on infections caused by Gram-negative bacteria.
Targets(IC50)	Antibacterial

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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