

Antibacterial agent 244

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 244 is a compound that exhibits broad-spectrum antibacterial activity and oral efficacy, primarily targeting Gram-positive bacteria with a minimum inhibitory concentration (MIC) of 1-4 µg/mL. It possesses low hemolytic toxicity (HC50 of 111.6 µg/mL). The mode of action for Antibacterialagent 244 involves disrupting the bacterial transmembrane potential and increasing membrane permeability, which leads to the leakage of cellular contents such as DNA and proteins, ultimately causing bacterial death. This compound is useful in research related to infections caused by Gram-positive bacteria.
Targets(IC50)	Antibacterial,Antibiotic

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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