

Antibacterial agent 190

Chemical Properties

CAS No. :

Formula: C₃₉H₅₀N₁₀O₄

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	Antibacterial agent 190 (compound 16) is an antibacterial agent that demonstrates antimicrobial activity and reduces bacterial load in both blood and peritoneum.
Targets(IC50)	Antibacterial
In vitro	Antibacterial agent 190 exhibits antimicrobial activity against Streptococcus pneumoniae and Enterococcus faecium strains, including those resistant to vancomycin and linezolid, with minimum inhibitory concentration (MIC) values ranging from 0.03 to 0.25 µg/mL.
In vivo	The compound Antibacterial agent 190 (80 mg/kg; s.c.) has been shown to reduce bacterial loads in both the peritoneum and blood in a mouse model of sepsis/peritonitis infection.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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