

Thiazoplanomicin

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Keep away from moisture
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	Thiazoplanomicin (Compound 1) is a thiazolyl peptide antibiotic. It can be isolated from the deciduous actinomycete <i>Actinoplanes</i> sp. MM794L-181F6. Thiazoplanomicin exhibits potent antibacterial activity against gonococcal strains, particularly drug-resistant ones, and Gram-positive bacteria, with minimum inhibitory concentrations (MICs) ranging from 31.2-125 ng/mL and 0.5-15.6 ng/mL, respectively. It shows no antibacterial activity against <i>E. coli</i> . Thiazoplanomicin is suitable for bacterial infection research.
Targets(IC50)	Antibacterial,Antibiotic

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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