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DATASHEET

Hormaomycin

Product overview

Name Hormaomycin Cat No HB3932 **Purity** >98%

Description Selective peptide lactone antibacterial agent. Antibiotic.

Biological Data

Biological description

Antibiotic. Peptide lactone Antibacterial agent (selective). Potent narrow-spectrum antibiotic against coryneform actinomycetes (MIC value 88 pM). Quorum sensing modulator. Shows hormonal activity Inducer of morphological differentiation in actinomycetes. Stimulator of antibiotic production. Inducer of aerial mycelium formation in various actinomycetes. Antimalarial (in vitro). Rare type of natural product, regulating bacterial behavior and independently function in a defensive antibiotic role.

Solubility & Handling

Storage instructions Storage of solutions

Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

Shipping Conditions

Stable for ambient temperature shipping. Follow storage instructions on receipt.

Important

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Molecular Weight **Chemical structure**

121548-21-8

CAS Number InChiKey Appearance

YOUXQVRIWHZWQN-LDXNQXMISA-N

White powder