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DATASHEET

Aureothricin

Product overview

Name Aureothricin
Cat No HB3786
Purity >98%

Description RNA polymerase inhibitor

Biological Data

Biological description Antibiotic. Active against Gram-positive and Gram-negative bacteria, yeast, filamentous fungi,

protozoa and insects. Potent bacterial and yeast RNA polymerases inhibitor. Inhibitor of fungal mannan

and glucan formation. Similar to thiolutin. Antitumor compound.

Solubility & Handling

Storage instructions

Storage of solutions

Shipping Conditions

Important

+4°C

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.

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

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

for human or veterinary use.

Chemical Data

Chemical name Molecular Weight Chemical structure N-(4-Methyl-5-oxo-4,5-dihydro-dithiolopyrrol-6-yl)propionamide 242.3

CH₃
S
(E)
N
O
HN
CH₃

CAS Number

PubChem identifier

SMILES InChiKey Appearance 574-95-8

CCC(=O)NC1=C2SSC=C2N(C)C1=O UGZYFXMSMFMTSM-UHFFFAOYSA-N

Yellow powder