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# **DATASHEET**

Trypacidin

### **Product overview**

Name Trypacidin
Cat No HB4116
Purity >98%

**Description** Antibacterial, antiprotozoal antibiotic. Necrosis inducer.

## **Biological Data**

**Biological description** Antibiotic. Antibioterial and antiprotozoal (trypanocidal). Toxic to human A549 lung cells. Necrosis

inducer. Toxic to human bronchial epithelial cells. Stimulating the growth of corn seedling roots. Inhibits

IL-6 secretion, collagen IV and fibronectin production

# **Solubility & Handling**

Storage instructions +4°C

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 344.3

Chemical structure

**CAS Number** 1900-29-4

PubChem identifier (

**SMILES** COC(=0)C1=CC(=0)C=C(OC)C12Oc3cc(C)cc(OC)c3C2=O

InChiKey KMZYINVXZDQCKC-GOSISDBHSA-N

Appearance White to off-white solid