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# **DATASHEET**

Thaxtomin C

#### **Product overview**

Name Thaxtomin C
Cat No HB4108
Purity >96%

**Description** Diketopiperazine antibiotic. Phytotoxin.

## **Biological Data**

**Biological description**Diketopiperazine antibiotic. Biosynthetic precursor of Thaxtomin A. Phytotoxin. Plant cell necrosis

inducer. Induces common scab disease of potato.

### 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**

**Chemical structure** 

Chemical name 12-N-Methyl-cyclo-(L-4-nitrotryptophyl-L-phenylalanyl)
Molecular Weight 392.4

N+-O- H NH NH

 Molecular Formula
 C21H20N4O4

 CAS Number
 140111-05-3

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InChiKey IAIWBAHUWORDTI-WMZOPIPTBV

**Appearance** Yellow powder