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# DATASHEET

Thaxtomin C

## Product overview

<b>Name</b>	Thaxtomin C
<b>Cat No</b>	HB4108
<b>Purity</b>	>96%
<b>Description</b>	Diketopiperazine antibiotic. Phytotoxin.

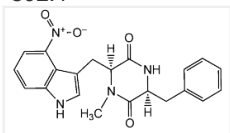
## Biological Data

<b>Biological description</b>	Diketopiperazine antibiotic. Biosynthetic precursor of Thaxtomin A. Phytotoxin. Plant cell necrosis inducer. Induces common scab disease of potato.
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## Solubility & Handling

<b>Storage instructions</b>	+4 °C
<b>Important</b>	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

## Chemical Data

<b>Chemical name</b>	12-N-Methyl-cyclo-(L-4-nitrotryptophyl-L-phenylalanyl)
<b>Molecular Weight</b>	392.4
<b>Chemical structure</b>	
<b>Molecular Formula</b>	C <sub>21</sub> H <sub>20</sub> N <sub>4</sub> O <sub>4</sub>
<b>CAS Number</b>	140111-05-3
<b>InChiKey</b>	IAIWBAHUWORDTI-WMZOPIPTBV
<b>Appearance</b>	Yellow powder