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## DATASHEET

Malformin C

### Product overview

<b>Name</b>	Malformin C
<b>Cat No</b>	HB3966
<b>Purity</b>	>95%
<b>Description</b>	Antibiotic. Potent G2 checkpoint cell cycle arrest inhibitor

### Biological Data

<b>Biological description</b>	Peptide antibiotic. Induces root curvature and malformation in plants. Antibacterial. Disrupts the cell cycle at the G2 checkpoint of cancer cells, leading to sensitization of the cancer cells to anti-cancer reagents.
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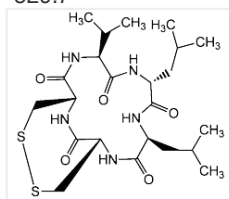
### Solubility & Handling

<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

**Molecular Weight**  
**Chemical structure**

529.7



**CAS Number**

59926-78-2

**PubChem identifier**

0

**SMILES**

CC(C)C[C@H](NC(=O)[C@@H](CC(C)=C)NC(=O)[C@@H](NC(=O)[C@H](NC(=O)[C@@H](C)N)C(=S)C(C)C)C(S)=O

**InChiKey**

TZODYIWCRGWHQB-TZNCUMHOSA-N

**Appearance**

White solid