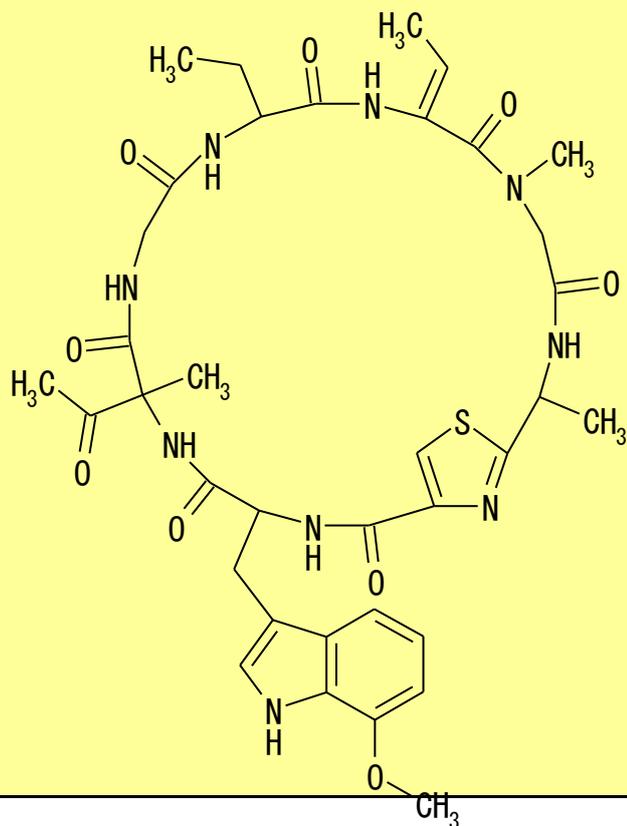


# Zelkovamycin

Cat.# BLK0970

## Structure

Origin: *Streptomyces* sp.

CAS Registry Number: 221197-33-7

CA Index Name:

Appearance: white solid

Molecular Formula/ Weight:  
C<sub>36</sub>H<sub>45</sub>N<sub>9</sub>O<sub>9</sub>S=779.87

Melting Point: 194-196°C Purity:&gt;95.0% by HPLC

Solubility: Sol. in 1mg/ml ethanol, methanol,  
DMSO

pKa:

log P:

### Background Information:

Zelkovamycin, a cyclic peptide as argyrin, was isolated from *Streptomyces* sp.. And this compound showed antibacterial activity against *Xanthomonas oryzae*, *Acholeplasma laidlawii*, *Pyricularia oryzae* and *Staphylococcus aureus*.

### Handling and Storage:

Store at -20°C.

### References:

1. J Antibiot (Tokyo). 1999 Jan;52(1):29-33.
2. J Antibiot (Tokyo). 1999 Jan;52(1):34-9.

Manufactured with Cortesy strain from The Kitasato Institute.