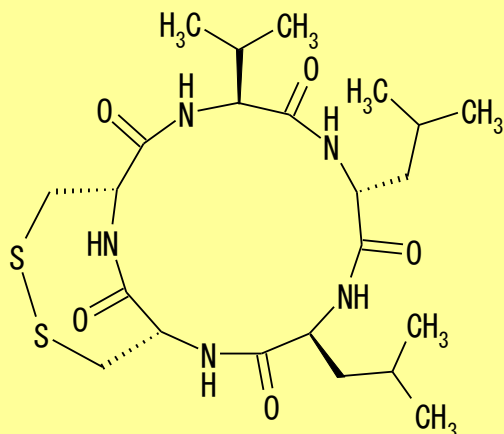


Malformin C

Cat.# BLS0490

Structure

Origin: *Synthetic*

CAS Registry Number: 59926-78-2

CA Index Name:

Appearance: white solid

Molecular Formula/ Weight: C₂₃H₃₉N₅O₅S₂=529.

Melting Point: >300°C

Purity:>95.0% by HPLC

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

pKa:

log P:

Background Information:

Inhibitor of bleomycin-induced G2 arrest. Has antibacterial, antimalarial and antitrypanosomal activity. Induces root curvature and malformation in plants and enhances fibrinolytic activity in plants.

Handling and Storage:

Store at -20°C.

References:

- 1 Plant Physiol. 33 17 (1958)
- 2 Appl. Microbiol. 14 475 (1966)
- 3 J. Antibiot. 55 78 (2002)
- 4 Biol. Pharm. Bull. 30 1379 (2007)
- 5 J. Antibiot. 61 297 (2008)
J. Antibiot. 62 681 (2009)

Synthesized by Organic Chemistry Group, The Kitasato Institute.