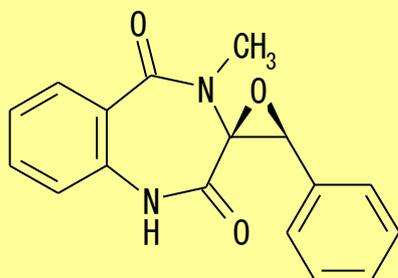


Cyclophenin

Cat.# BLK0770

Structure

Origin: *Penicillium* sp.

CAS Registry Number: 19553-26-5

CA Index Name:

Appearance: slightly pink white powder

Molecular Formula/ Weight: C₁₇H₁₄N₂O₃=294.31

Melting Point: 184-185°C Purity:>95.0% by HPLC

Solubility: Soluble in 1mg/ml ethanol, methanol, DMSO

pKa:

log P:

Background Information:

Cyclophenin is benzodiazepine alkaloid which produced by *Penicillium*. It shows selective inhibition against acetylcholinesterase (AChE) and slight antibiotic activity against *Micrococcus*. In addition, cyclophenin is an intermediate in the biosynthesis of the viridicatin.

Handling and Storage:

Store at -20°C.

References:

1. J Antibiot (Tokyo). 1996 Aug;49(8):742-7.

Manufactured with Cortesy strain from The Kitasato Institute.