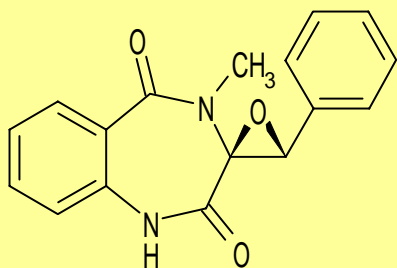


# Cyclophenin

Cat.# BLK0770

## Structure

**Origin:** *Penicillium* sp.**CAS Registry Number:** 19553-26-5**CA Index Name:****Appearance:** slightly pink white powder**Molecular Formula/ Weight:** C<sub>17</sub>H<sub>14</sub>N<sub>2</sub>O<sub>3</sub>=294.31**Melting Point:** 184-185**Purity:** >98.0% by HPLC**Solubility:** Soluble in DMSO, MeOH, Chloroform, EtOAc  
Insoluble in Hexane, water

### 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 .

### References:

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

*Manufactured with Cortesy strain from The Kitasato Institute.*