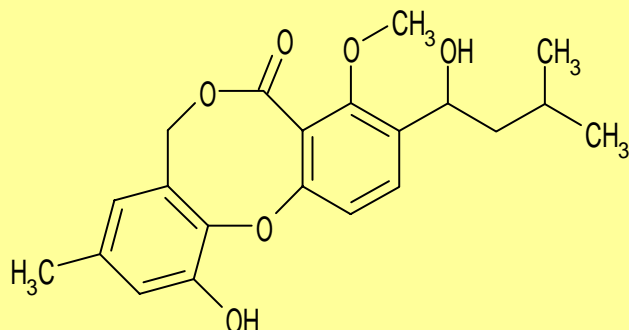


# Penicillide

Cat.# BLK1060

## Structure

**Origin:** *Penicillium* sp.**CAS Registry Number:** 55303-92-9**CA Index Name:****Appearance:** off white solid**Molecular Formula/ Weight:** C<sub>21</sub>H<sub>24</sub>O<sub>6</sub>=372.42**Melting Point:** 80-83**Purity:** >95.0% by HPLC**Solubility:** Sol. in 1mg/ml ethanol, methanol, DMSO

### Background Information:

Penicillide was isolated from *Penicillium* sp., and showed inhibitor activity against acyl-CoA:cholesterol acyltransferase (ACAT). Moreover, it is antagonist of the peptide hormone oxytocin.

### Handling and Storage:

Store at -20 .

### References:

1. Bioorg. Med. Chem. Lett. 1993, 3, 337-340.
2. J Antibiot (Tokyo). 1991 Feb;44(2):152-9.
3. Patent US5198463

*Manufactured with Cortesy strain from The Kitasato Institute.*