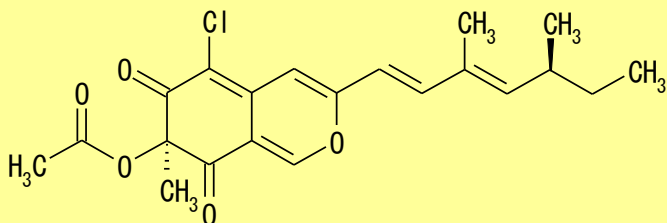


# Sclerotiorin

Cat.# BLK0840

## Structure

**Origin:** Penicillium sp.**CAS Registry Number:** 549-23-5**CA Index Name:** Isochromophilone derivative**Appearance:** yellow solid**Molecular Formula/ Weight:** C<sub>15</sub>H<sub>20</sub>O<sub>5</sub>=280.32**Melting Point:** 205-207°C **Purity:** >95.0% by HPLC**Solubility:** Sol. in 1mg/ml ethanol, methanol, DMSO**pKa:****log P:**

### Background Information:

Sclerotiorin was isolated from fungi. It is an antagonist of endothelin receptors. It shows several activities: inhibition of soybean lipoxygenase-1, cholesterol ester transfer protein, Grb2-Shc interaction.

### Handling and Storage:

Store at -20°C.

### References:

1. J Agric Food Chem 55 2879-2883 (2007).
2. J Microbiol Biotechnol 10(4) 544-546 (2000).
3. J Antibiot 52(2) 160-170 (1999).
4. J Antibiot 48(9) 913-923 (1995).

*Manufactured with Courtesy strain from The Kitasato Institute.*