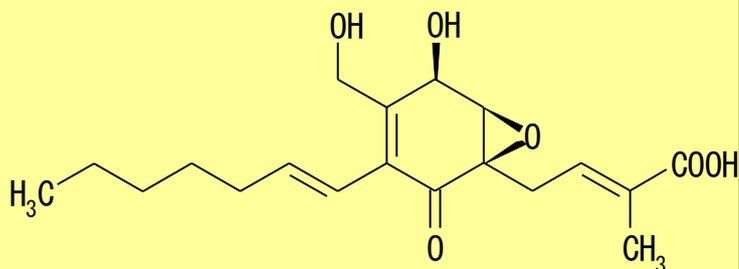


# Ambuic acid

Cat.# BLK1110

## Structure



**Origin:** *Pestalotipsis sp.*

**CAS Registry Number:** none

**CA Index Name:**

**Appearance:** off white solid

**Molecular Formula/ Weight:** C<sub>19</sub>H<sub>26</sub>O<sub>6</sub>=350.41

**Melting Point:** 125-128°C **Purity:** >95.0% by HPLC

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

**pKa:**

**log P:**

### Background Information:

Ambuic acid was isolated from *Pestalotipsis sp.* and *Monochaetia sp.*, and showed antimicrobial activity against the Gram-positive bacterium. It inhibited the biosynthesis of the cyclic peptide quormones of *Staphylococcus aureus* and *Listeria innocua*.

### Handling and Storage:

Store at -20°C.

### References:

1. *Phytochemistry*. 2001 Mar;56(5):463-8.
2. *Antimicrob Agents Chemother*. 2009 Feb;53(2):580-6.
3. *J Nat Prod*. 2009 Jan;72(1):182-6. Erratum in: *J Nat Prod*.

*Manufactured with Cortesy strain from The Kitasato Institute.*