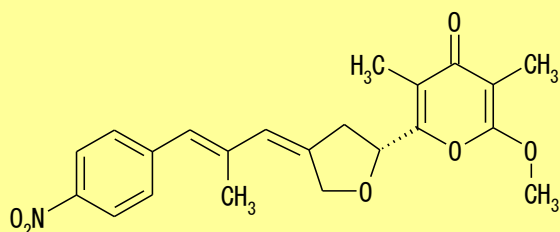


Structure

**Origin:** *Streptomyces* sp.**CAS Registry Number:** 2825-00-5**Appearance:** yellow solid**Molecular Formula/ Weight:** C₂₂H₂₃NO₆=392.58**Purity:** 95>% by HPLC**Solubility:** Sol. 1mg/ml ethanol, methanol, DMSO**Background Information:**

Aureothin was isolated from the culture of the *Streptomyces thioluteus*¹⁾. Aureothin, an unusual pyranone metabolite, has broad biological actions including antitumor, antimicrobial and insecticidal activities. Aureothin acts by inhibition of oxidoreductase²⁾. In recent year, it was reported to be a potent inhibitor of *Helicobacter pylori*³⁾.

Handling and Storage:

Store at -20°C.

References:

1. S.Omura et al., J.Antibiot., **38**, 1631(1985).
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4. Z.Itoh et al., Chemotherapy, **36**, 104 (1988).
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Manufactured with Cortesy strain from The Kitasato Institute.