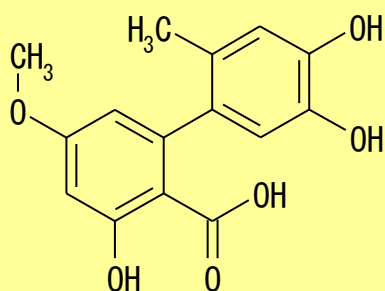


Structure**Origin:** *Penicillium sp.***CAS Registry Number:** 31186-12-6**Appearance:** yellow solid**Molecular Formula/ Weight:** C₁₅H₁₄O₆=290.27**Purity:** >95.0% by HPLC**Solubility:** Sol. in 1mg/ml ethanol, methanol, DMSO**Background Information:**

Antifungal penicillide. Non-competitive, specific neutral sphingomyelinase (N-SMase) and strong pp60c-Src inhibitor. Inhibits cFMS receptor tyrosine kinase (CSF-1/m-CSF receptor tyrosine kinase) which is implicated in cancer and bone diseases. Myosin light chain kinase inhibitor. Exhibits anti-HIV-1 integrase activity.

Handling and Storage:

Store at -20°C.

References:

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7. J. Antibiot. 52 572 (1999)
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10. Med. Res. Rev. 26 271 (2006)
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Manufactured with Cortesy strain from The Kitasato Institute.