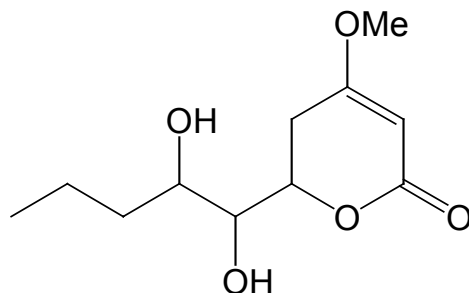


7-Hydroxypestalotin

Code: **BIA-P1068**

Pack sizes: **0.5 mg, 2.5 mg**



Synonyms : **6,7-Dihydroxy-3-methoxy-2-decen-5-olide, Antibiotic LL-P880 β**

Specifications

CAS # : **41164-59-4**
Molecular Formula : **C₁₁H₁₈O₅**
Molecular Weight : **230.3**
Source : ***Penicillium decumbens* MST-FP1680**
Appearance : **White Powder**
Purity : **> 99% by HPLC**
Long Term Storage : **-20°C**
Solubility : **Soluble in ethanol, methanol, DMF or DMSO.**

Application Notes

Hydroxypestalotin, a minor analogue of pestalotin, was isolated from *Penicillium decumbens*. Only the initial report of this metabolite's isolation is available. It is presumed to have a common activity profile with pestalotin.

References

1. ¹³C-NMR spectra of pestalotin and its analogues. Kimura Y. et al. *Ag. Biol. Chem.* **1980**, 44, 451.
2. Regulation of lettuce hypocotyl elongation by gibberellic acid. Interaction of gibberellic acid and gibberellin synergists - dihydroconiferyl alcohol, pestalotin and a triazinone compound Kamisaka S. *Plant and Cell Physiol.* **1979**, 20, 583.