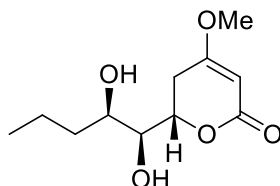


7-Hydroxypestalotin

Code No.: **BIA-H1068**

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



Synonyms : 7-Hydroxypestalotin, 6,7-Dihydroxy-3-methoxy-2-decen-5-olide, LL-P880 beta

Specifications

CAS #	: 41164-59-4
Molecular Formula	: C₁₁H₁₈O₅
Molecular Weight	: 230.3
Source	: <i>Penicillium decumbens</i>
Appearance	: White Powder
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.

Application Notes

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

References

1. ¹³C-NMR spectra of pestalotin and its analogues. Kimura Y. et al., Agri. 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.