

Product Name: Anhydroophiobolin A

Product Number: A124

CAS Number: 6026-65-9

Molecular Formula: $C_{25}H_{34}O_3$

Molecular Weight: 382.5

Appearance: White solid

Storage Conditions: -20°C

Description: 3-Anhydroophiobolin A is the dehydrated analogue of ophiobolin A and is a major member of the ophiobolin complex of phytotoxic metabolites produced by many species of the genus *Bipolaris*. Like all ophiobolins, 3-anhydroophiobolin A possesses a broad biological profile with antibacterial, antifungal, antitumor, herbicidal and nematocidal activities.

3-Anhydroophiobolin A is soluble in ethanol, methanol, DMF and DMSO.

References: Isolation of ophiobolin A and its analogs as inhibitors to photosynthesis. Kim J.M., Agric. Biol. Chem. 1984, 48, 803. 2. The biology of ophiobolins. Au T.K. et al. , Life Sci. 2000, 67, 733. (Review).