



CERTIFICATE OF ANALYSIS

PRODUCT: **Ophiobolin A**
[Cochliobolin A; Ophiobolin; Ophiobalin]
Bipolaris leersia MST-FP107
C₂₅H₃₆O₄, M.W. 400.6, CAS# [4611-05-6]

PRODUCT NUMBER: O-1090

LOT NUMBER: C1218

APPEARANCE: White solid

SOLUBILITY: Soluble in ethanol, methanol, DMF or DMSO.

PURITY (HPLC): > 95%

PRODUCT INFORMATION: Ophiobolin A is the dominant member of a class of phytotoxic metabolites produced by plant pathogenic fungi. Ophiobolin A acts as an inhibitor of calmodulin action in calcium regulation. Ophiobolin A possesses a broad biological profile with antibacterial, antifungal, antitumor and nematocidal activities.

STORAGE & HANDLING: Store at -20°C. **PROTECT FROM LIGHT!**

CAUTION: For laboratory research & scientific manufacturing use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: KT