
CERTIFICATE of ANALYSIS

PRODUCT: **Fumitremorgin C**, from *Aspergillus fumigatus*
C₂₂H₂₅N₃O₃, M.W. 379.5, CAS# [118974-02-0]

PRODUCT NUMBER: F-2401

LOT NUMBER: E1376

APPEARANCE: Tan lyophilized powder.

SOLUBILITY: Methanol, ethanol, DMF or DMSO. Poor H₂O solubility.

PURITY (HPLC): > 95%

APPLICATION: Fumitremorgin C is a tremorgenic mycotoxin isolated from *Aspergillus fumigates*. Recent research has recognized fumitremorgin C as a potent and specific inhibitor of the breast cancer resistance protein (BCRP/ABCG2) multidrug transporter. It reverses multidrug resistance mediated by BCRP and increases cytotoxicity of several anticancer agents in vitro.

STORAGE & HANDLING: Store desiccated at -20°C.

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: KS