



CERTIFICATE OF ANALYSIS

PRODUCT: Paraherquamide A,
From Penicillium simplicissimum MST-FP116A
[Antibiotic VM 29919]
C₂₈H₃₅N₃O₅, MW 493.6, CAS# [77392-58-6]

PRODUCT NUMBER: P-1470

LOT NUMBER: B1079

APPEARANCE: White Powder

SOLUBILITY: Soluble in ethanol, methanol, DMF or DMSO

PURITY (HPLC): >95%

OTHER NOTES: Paraherquamide A was first reported as a mycotoxin related to the indole tremorgenic mycotoxins. Subsequent research identified a potent non-toxic paralysis of nematodes which led to the metabolite's development as a candidate anthelmintic. Paraherquamide A is a selective, competitive, cholinergic antagonist that distinguishes subtypes of cholinergic receptors.

STORAGE & HANDLING: Store at -20°C.

CAUTION: For research & 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