

Certificate of Analysis

PRODUCT:	Virginiamycin B C ₄₅ H ₅₄ N ₈ O ₁₀ , M.W. 867.0, CAS# [3131-03-1]
PRODUCT NUMBER:	V-2499
LOT NUMBER:	L1045
APPEARANCE:	White solid
SOLUBILITY:	Ethanol, methanol, DMF or DMSO. Limited H ₂ O solubility.
IDENTITY (HPLC):	Conforms
PURITY (HPLC):	>99.0%
DESCRIPTION:	Virginiamycin B is a depsipeptide antibiotic co-produced with ostreogrycin A, together used as a synergistic mixture. Virginiamycin B, also known as ostreogrycin B and streptogramin B among other synonyms, was discovered independently and named by several groups, leading to considerable confusion in the literature. Virginiamycin B acts a synergist, binding to the conformational change of the peptidyl transferase centre of the 50S ribosome induced by ostreogrycin A.
STORAGE & HANDLING:	Store desiccated at -20°C. <u>WARNING:</u> TOXIC! 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