

A.G. Scientific, Inc.

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SAN DIEGO, CA
92121



CERTIFICATE of ANALYSIS

PRODUCT:	Nigericin (sodium salt) From <i>Streptomyces hygroscopicus</i> C ₄₀ H ₆₇ O ₁₁ Na, M.W. 747.0, CAS# [28643-80-3]
PRODUCT NUMBER:	N-1103
LOT NUMBER:	A10008
APPEARANCE:	White Powder
SOLUBILITY:	CH ₂ Cl ₂ : Clear and colorless solution at 10 mg/ml
PURITY (TLC):	99% (NP, CH ₂ Cl ₂ , methanol 95:5) 99% (RP, C18, methanol, H ₂ O 9:1) <i>*Detection: Spray with H₂SO₄ and heat</i>
MELTING POINT:	255°C
APPLICATIONS:	Nigericin was originally used as an antibiotic. Nigericin is active against gram positive bacteria. Inhibitor of Golgi functions. Exhibits anti-HIV activities.
STORAGE & HANDLING:	Keep cool and dry at -20°C. TOXIC!

CAUTION: For research 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

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