



Certificate of Analysis

Anisomycin

Catalog Number: AN1003
Lot Number: 0207801
CAS Number: 22862-76-6
Source: Extracted from *Streptomyces griseolus*
Synonym(s): (2R,3S,4S)-2-(4-Methoxybenzyl)-3,4-pyrrolidinediol-3-acetate, 2-[(4-Methoxyphenyl)methyl]-3,4-pyrrolidinediol 3-acetate, Flagecidin
Molecular Formula: C₁₄H₁₉NO₄
Molecular Weight: 265.31
Storage: 2°C – 8°C
Date of Manufacture: September 2, 2017
Retest Date: September 1, 2020

Test	Specification	Result
Appearance	White crystalline solid	Conforms
Assay	≥ 98.0%	98.14%
Melting Point	141°C – 143°C	141.0°C – 142.0°C
Solubility (10mg/mL EtOAc)	Clear, colorless solution	Conforms
Moisture (KF)	≤ 1.0%	0.088%
Ethyl Acetate (GC-MS)	≤ 720ppm	80ppm

Approved by:

Date: February 7, 2018

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