

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	<b>Gliotoxin</b>
Source	From Streptomyces diastatochromogenes
Molecular Formula	C <sub>45</sub> H <sub>74</sub> O <sub>11</sub>
Molecular Weight	326.04
CAS Number	326.04
Lot Number	GL002Ab
<b>Test Results</b>	
Appearance	White powder
Solubility*	Methanol: Clear colorless solution at 10 mg/ml
TLC (NP, CH <sub>2</sub> Cl <sub>2</sub> : MeOH 95:5)	Sole spot visible
TLC (NP, Ethyl-Acetate 100%)	Sole spot visible
TLC (RP C18, Methanol: Water 9:1)	Sole spot visible
Detection: Spray with H <sub>2</sub> SO <sub>4</sub> and heat	
Lambda max	(Methanol) 210, 270nm
HPLC	99%
Melting point:	204°C

\*Oligomycin A may be soluble in other solvents.

Expiration date: September 2019

September 14, 2016

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