

### Certificate of Analysis

<b>Product Name</b>	Phleomycin
<b>Catalog No.</b>	V7480
<b>Batch No.</b>	V748001

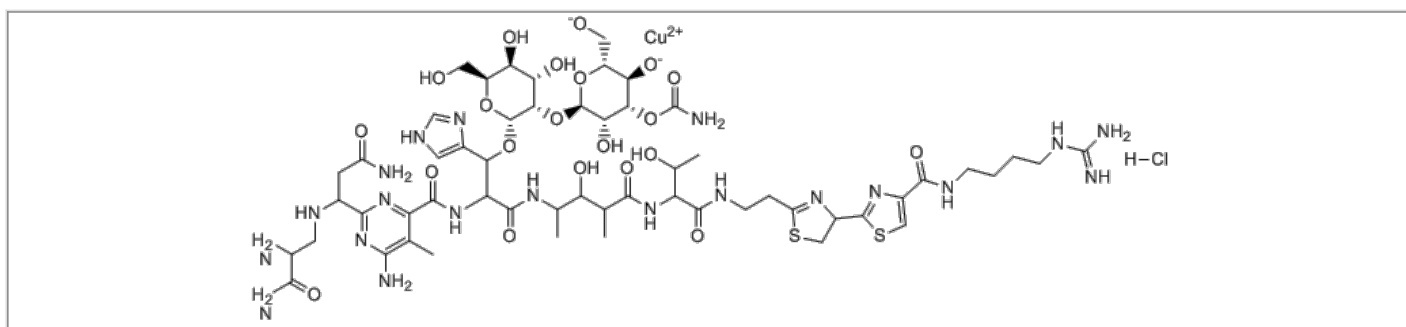
#### 1. Physical and Chemical Properties

<b>Appearance</b>	Blue Powder
<b>Molecular Formula</b>	C <sub>51</sub> H <sub>75</sub> N <sub>17</sub> O <sub>21</sub> S <sub>2</sub>
<b>Molecular Weight</b>	418.44
<b>Purity</b>	≈90.9%
<b>CAS No.</b>	11006-33-0
<b>Production Date</b>	
<b>Retest Date</b>	2029-02-26

#### 2. Analytical Data

Test Item	Specification	Result
Absorbance (244nm, 3mg/ml)	0.2~0.3	0.23
Purity (HPLC)	75%-125%	≈90.9%
EndotoxinLevel	<1.0EU/mg	Pass
Antibiogramon bacterialreference strain	80-120%	Pass
MICon zeocin-sensitive bacteria	≤45ug/ml	Pass
MICon zeocin-resistant bacteria	≥1500ug/m	Pass
Cytotoxicity induced by trace contaminants	Undetectableafter 4 passages	Pass

#### 3. Structure



#### 4. Storage Condition

<b>Storage Condition</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month
<b>Note:</b> Please store this product in a sealed and protected environment (e.g. under nitrogen), avoid exposure to moisture.			

**Products are for research use only • Not for human or veterinary use**

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