

## Certificate of Analysis

<b>PRODUCT:</b>	<b>Mitomycin C,</b> From <i>Streptomyces caespitosus</i> <b>C<sub>15</sub>H<sub>18</sub>N<sub>4</sub>O<sub>5</sub>, M.W. 334.3, CAS# [50-07-7]</b>
<b>PRODUCT NUMBER:</b>	M-1108
<b>LOT NUMBER:</b>	L1548
<b>APPEARANCE:</b>	Blue-violet solid
<b>SOLUBILITY:</b>	Clear blue-violet solution at 10mg/ml in DMSO or CH <sub>3</sub> OH.
<b>PURITY (TLC):</b> <i>*DETECTION: Spray with H<sub>2</sub>SO<sub>4</sub> and heat</i>	>99% (NP, CH <sub>2</sub> Cl <sub>2</sub> , CH <sub>3</sub> OH, 9:1) >99% (RP C18, CH <sub>3</sub> OH, H <sub>2</sub> O 9:1)
<b>PURITY (HPLC):</b>	>99% (RP, CH <sub>3</sub> CN, H <sub>2</sub> O) >99% (CH <sub>3</sub> OH, H <sub>2</sub> O)
<b>UV Analysis:</b>	λ <sub>max</sub> : 216, 360, 560nm (CH <sub>3</sub> OH)
<b>STORAGE &amp; HANDLING:</b>	Store desiccated at -20°C. <b>PROTECT FROM LIGHT!</b> <b><u>WARNING</u>: TOXIC! POTENTIAL CARCINOGEN.</b>

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: PC