**Geldanamycin**

**CATALOG #:** 1564-1 1 mg  
1564-5 5 mg

**LOT #:** ___________ _______

**STRUCTURE:**

![Geldanamycin structure]

**MOLECULAR FORMULA:** C_{29}H_{40}N_{2}O_{9}

**MOLECULAR WEIGHT:** 560.64

**CAS NUMBER:** 30562-34-6

**PURITY:** ≥99%

**APPEARANCE:** Powder form

**SOLUBILITY:** Soluble in DMSO

**STORAGE CONDITIONS:** -20°C in the dark. Do not expose to sunlight or fluorescent lights for extended periods.

**DESCRIPTION:** A potent antitumor antibiotic. Binds specifically to heat shock protein HSP90 and its GP96 homologue; inhibits protein maturation.

**CAUTION:** Toxic. Do not ingest, swallow, or inhale. Do not get in eyes or on skin. Care should be taken to prevent contact through all routes of exposure.

For Research Use Only! Not to be used in humans.

**RELATED PRODUCTS:**

- **Apoptosis Detection Kits & Reagents**
  - Annexin V Kits & Bulk Reagents
  - Caspase Assay Kits & Reagents
  - Mitochondrial Apoptosis Kits & Reagents
  - Nuclear Apoptosis Kits & Reagents
  - Apoptosis Inducers & Inhibitors
  - Apoptosis siRNA Vectors

- **Cell Fractionation System**
  - Mitochondria/Cytosol Fractionation Kit
  - Nuclear/Cytosol Fractionation Kit
  - Membrane Protein Extraction Kit
  - Cytosol/Particulate Rapid Separation Kit
  - Mammalian Cell Extraction Kit
  - FractionPREP Fractionation System

- **Cell Proliferation & Senescence**
  - Quick Cell Proliferation Assay Kit
  - Senescence Detection Kit
  - High Throughput Apoptosis/Cell Viability Assay Kits
  - LDH-Cytotoxicity Assay Kit
  - Bioluminescence Cytotoxicity Assay Kit
  - Live/Dead Cell Staining Kit

- **Cell Damage & Repair**
  - HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
  - HAT Colorimetric Assay Kit & Reagents
  - DNA Damage Quantification Kit
  - Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

- **Signal Transduction**
  - cAMP & cGMP Assay Kits
  - Akt & JNK Activity Assay Kits
  - Beta-Secretase Activity Assay Kit

- **Adipocyte & Lipid Transfer**
  - Recombinant Adiponectin, Survivin, & Leptin
  - CETP Activity Assay & Drug Discovery Kits
  - PLTP Activity Assay & Drug Discovery Kits
  - Cholesterol Quantification Kit

- **Molecular Biology & Reporter Assays**
  - siRNA Vectors
  - Cloning Insert Quick Screening Kit
  - Mitochondrial & Genomic DNA Isolation Kits
  - 5 Minutes DNA Ligation Kit
  - 20 Minutes Gel Staining/Destaining Kit

- **Growth Factors and Cytokines (many)**
  - Polyclonal and Monoclonal Antibodies