

## PRODUCT: Calyculin A

<b>CATALOG #:</b>	1562-025
<b>AMOUNT:</b>	25 µg
<b>LOT #:</b>	_____
<b>MOLECULAR FORMULA:</b>	C <sub>50</sub> H <sub>81</sub> N <sub>4</sub> O <sub>15</sub> P
<b>MOLECULAR WEIGHT:</b>	1009.18
<b>CAS NUMBER:</b>	101932-71-2
<b>PURITY:</b>	≥98%
<b>APPEARANCE:</b>	Clear film
<b>SOLUBILITY:</b>	Soluble in DMSO or ethanol.
<b>STORAGE CONDITIONS:</b>	-20°C in the dark. Do not expose to sunlight or fluorescent lights for extended periods.
<b>BACKGROUND:</b>	Calyculin A is a very potent inhibitor (K <sub>i</sub> = 0.1 nM) with high specificity for the PP-1 and PP-2 classes of protein serine/threonine phosphatase. It is also a potent non-phorbol type tumor promoter.
<b>CAUTION:</b>	Tumor promoter. 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.
<b>USAGE:</b>	For research use only. Not to be used in humans.

## FEATURED 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