

01/05

**PRODUCT: Thapsigargin**

<b>CATALOG #:</b>	1558-1
<b>AMOUNT:</b>	1 mg
<b>LOT #:</b>	_____
<b>MOLECULAR FORMULA:</b>	C <sub>34</sub> H <sub>50</sub> O <sub>12</sub>
<b>MOLECULAR WEIGHT:</b>	650.76
<b>CAS No.</b>	67526-95-8
<b>PURITY:</b>	≥99%
<b>APPEARANCE:</b>	powder form
<b>SOLUBILITY:</b>	Soluble in DMSO or ethanol
<b>STORAGE CONDITIONS:</b>	-20°C.
<b>BACKGROUND:</b>	Potent, cell permeable IP <sub>3</sub> -independent intracellular calcium releaser; Inhibits microsomal Ca <sup>2+</sup> -ATPase; Stimulates arachidonic acid metabolism in macrophages.
<b>CAUTION:</b>	Irritant to skin and mucous membranes. Possible tumor promotor. Wear gloves and mask when using this compound. Care should be taken to prevent contact through all routes of exposure.
<b>USAGE:</b>	For research use only. Not to be used in human.

**FEATURED PRODUCTS:**

## Apoptosis Detection Kits &amp; 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 &amp; 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 &amp; 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 &amp; Lipid Transfer

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

## Molecular Biology &amp; 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