

## PRODUCT: Thapsigargin

**CATALOG #:** 1558-1

**AMOUNT:** 1 mg

**LOT #:** \_\_\_\_\_

**MOLECULAR FORMULA:** C<sub>34</sub>H<sub>50</sub>O<sub>12</sub>

**MOLECULAR WEIGHT:** 650.76

**CAS No.** 67526-95-8

**PURITY:** ≥99%

**APPEARANCE:** powder form

**SOLUBILITY:** Soluble in DMSO or 100% ethanol

**STORAGE CONDITIONS:** -20°C.

**BACKGROUND:** Potent, cell permeable IP<sub>3</sub>-independent intracellular calcium releaser; Inhibits microsomal Ca<sup>2+</sup>-ATPase; Stimulates arachidonic acid metabolism in macrophages.

**CAUTION:** Irritant to skin and mucous membranes. Possible tumor promoter. Wear gloves and mask when using this compound. Care should be taken to prevent contact through all routes of exposure.

**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