

# PRODUCT: Arachidonic Acid

<b>CATALOG #:</b>	1505-100
<b>AMOUNT:</b>	100 mg
<b>LOT #:</b>	_____
<b>CAS NUMBER:</b>	506-32-1
<b>MOLECULAR WEIGHT:</b>	304.5
<b>MOLECULAR FORMULA:</b>	C <sub>20</sub> H <sub>32</sub> O <sub>2</sub>
<b>PURITY:</b>	≥98%
<b>FORMULATION:</b>	100 mg/ml in ethanol containing 0.1% BHT
<b>STORAGE CONDITIONS:</b>	Store at -20°C, protect from light and oxygen.
<b>APPLICATION NOTES:</b>	Precursor to a large family of eicosanoids. Activator for several protein kinase C isotypes.
<b>CAUTION:</b>	Toxic
<b>REFERENCES:</b>	Needleman, P., et al. (1986) <i>Ann. Rev. Biochem.</i> 55:69. Lister, M.D., et al. (1988) <i>J. Biol Chem</i> <b>263</b> :7505.
<b>NOTE:</b>	For Research Use Only! Not to be used in human.

## 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 and Set
- 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
- Total 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
- β-Galactosidase Staining Kit & Luciferase Reporter Assay Kit

### Growth Factors and Cytokines

### Monoclonal and Polyclonal Antibodies