

PRODUCT: Arachidonic Acid

CATALOG #:	1505-100
AMOUNT:	100 mg
LOT #:	_____
CAS NUMBER:	506-32-1
MOLECULAR WEIGHT:	304.5
MOLECULAR FORMULA:	C ₂₀ H ₃₂ O ₂
PURITY:	≥98%
FORMULATION:	100 mg (1 mg/ml) in ethanol containing 0.1% BHT (BHT is a fat-soluble antioxidant and FDA approved preservative for food, oils, and fats)
STORAGE CONDITIONS:	Store at -20°C, protect from light and oxygen.
APPLICATION NOTES:	Precursor to a large family of eicosanoids. Activator for several protein kinase C isotypes.
CAUTION:	Toxic
REFERENCES:	Needleman, P., et al. (1986) <i>Ann. Rev. Biochem.</i> 55:69. Lister, M.D., et al. (1988) <i>J. Biol Chem</i> 263 :7505.

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