

PRODUCT: Tamoxifen . Citrate

CATALOG #:	1551-1000
AMOUNT:	1 g
LOT #:	_____
MOLECULAR FORMULA:	C ₂₆ H ₂₉ NO . C ₆ H ₈ O ₇
MOLECULAR WEIGHT:	371.5 . 192.1
CAS	54965-24-1
APPEARANCE:	White crystals
PURITY:	≥99%
SOLUBILITY:	Soluble in methanol. Slightly soluble in water.
STORAGE:	Store at +4°C.
DESCRIPTION:	A potent synthetic anti-estrogenic agent. A reversible inhibitor of protein kinase C (IC ₅₀ = 10 mM). Induces apoptosis in human malignant glioma cell lines and inhibits prostate cancer cell growth by induction of p21 protein.
CAUTION:	Toxic/Irritant
REFERENCES:	O'Brian, C.A., et al. (1985) Cancer Res. 45,2462. Couldwell, W.T. et al. (1994) FEBS Lett. 345,43.

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