

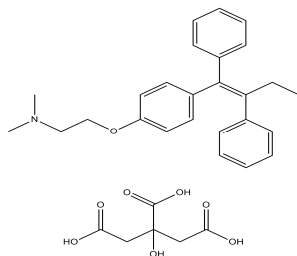
Tamoxifen . Citrate

CATALOG #: 1551-1000

AMOUNT: 1 g

LOT #: _____

STRUCTURE:



MOLECULAR FORMULA: $C_{26}H_{29}NO \cdot C_6H_8O_7$

MOLECULAR WEIGHT: 371.5 . 192.1

CAS 54965-24-1

APPEARANCE: White crystals

PURITY: $\geq 99\%$

SOLUBILITY: Soluble in methanol. Slightly soluble in water.

STORAGE: Store at $-20^{\circ}C$.

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 humans.

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