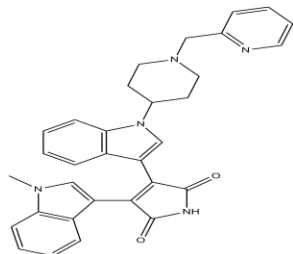


## Enzastaurin (LY317615)

CATALOG #: 1619-1 1 mg  
1619-5 5 mg

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

### STRUCTURE:



MOLECULAR FORMULA: C<sub>32</sub>H<sub>29</sub>N<sub>5</sub>O<sub>2</sub>

MOLECULAR WEIGHT: 515.61

CAS 170364-57-5

APPEARANCE: Solid

SOLUBILITY: DMSO

PURITY: ≥99%

STORAGE: Keep cool and dry, Store at -20°C

**DESCRIPTION:** Enzastaurin (Enz) is a potent and selective inhibitor of PKCβ with antiproliferative activity (IC<sub>50</sub> = ~6 nM). Enz suppresses VEGF-induced angiogenesis in the rat corneal micropocket assay, decreases microvessel density, and prevents VEGF secretion from human tumor cell xenografts in nude mice. Prolonged courses of Enz increase chemotherapy or radiation tumor growth delay of glioma, breast, and small cell lung cancer xenografts.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**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