

# BioVision

## $\beta$ -Secretase Inhibitor II

<b>CATALOG #:</b>	7502-1
<b>AMOUNT:</b>	1 mg
<b>LOT #:</b>	_____
<b>DESCRIPTION:</b>	A potent, cell permeable, and reversible inhibitor of $\beta$ -secretase that corresponds to the $\beta$ -secretase cleavage site (VNL-DA) of the Swedish mutant Amyloid Precursor Protein (APP). Inhibits the formation of both $A\beta_{total}$ ( $IC_{50}$ = 700 nM) and $A\beta_{1-42}$ ( $IC_{50}$ = 2.5 $\mu$ M) in CHO cells stably transfected with wild-type APP751.
<b>FORM:</b>	White lyophilized powder. Packaged under an inert gas.
<b>MOL. WEIGHT:</b>	461.6
<b>MOL. FORMULA:</b>	$C_{25}H_{39}N_5O_5$
<b>SEQUENCE:</b>	Z-Val-Leu-Leu--CHO
<b>PURITY:</b>	$\geq$ 95% by HPLC
<b>SOLUBILITY:</b>	DMSO (5 mg/ml)
<b>STORAGE:</b>	Store at $-20^{\circ}C$ . Protect from light. Stable for 2 years as supplied. Following reconstitution, aliquot and freeze at $-20^{\circ}C$ . Stock solution is stable for up to 3 months at $-20^{\circ}C$ .

**For Research Use Only! Not to be used in human.**

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### 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
- $\beta$ -Galactosidase Staining Kit & Luciferase Reporter Assay Kit

#### Growth Factors and Cytokines

#### Monoclonal and Polyclonal Antibodies