Enzo Life Sciences

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For research use only

Caspase-Family Inhibitor Set Plus

CATALOG #: ALX-850-237

LOT #: _____

STORAGE: Store at –20˚C.

SHELF LIFE: 6-12 months under proper storage conditions

DESCRIPTION:

Synthetic peptide inhibitors that irreversibly inhibit the activity of each of the caspase-family proteases. YVAD is the recognition sequence for caspase-1/ICE, VDVAD is the recognition sequence for caspase-2, DEVD is the recognition sequence for caspase-3/CPP32, VEID is the recognition sequence for caspase-6/Mch2, IETD is the recognition sequence for caspase-8/FLICE, LEHD is the recognition sequence for caspase-9, and VAD is the recognition sequence for a caspase(s) that functions upstream of most other caspases.

PACKAGE CONTENTS:

Description	Inhibitor	Volume	Conc.	Cap color
Caspase-1 Inhibitor	Z-YVAD-FMK	25 µl	2 mM	Yellow
Caspase-2 Inhibitor	Z-VDVAD-FMK	25 µl	2 mM	Orange
Caspase-3 Inhibitor	Z-DEVD-FMK	25 µl	2 mM	Red
Caspase-6 Inhibitor	Z-VEID-FMK	25 µl	2 mM	Violet
Caspase-8 Inhibitor	Z-IETD-FMK	25 µl	2 mM	Green
Caspase-9 Inhibitor	Z-LEHD-FMK	25 µl	2 mM	Blue
Caspase-Family Inhibitor	Z-VAD-FMK	25 µl	2 mM	Amber

Note: All inhibitors were formulated in 100% pure DMSO.

RECOMMENDED USAGE:

We recommend using 1000X dilutions for inhibiting caspase activity in Jurkat cell culture (e.g., Add 1 µl to 1 ml of culture medium). However, the optimal doses may vary for different cells and culture conditions.

RELATED PRODUCTS:

Apoptosis Detection Kits & Reagents
- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents

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

Metabolism & Obesity Products
- Recombinant Adiponectin, Resistin, Leptin, Visfatin
- CETP & PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol, HDL & LDL Quantification Kits
- Triglyceride, Glycerol, Choline, & Fatty Acid Assay Kits
- Glucose, Lactate, Pyruvate, sucrose, Galactose, etc. Assay Kits

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

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