

Caspase-Family Inhibitor Set IV

CATALOG #: K220-12-25
LOT #: _____
STORAGE: Store at -20°C.
SHelf LIFE: 6 months under proper storage conditions

DESCRIPTION:
 Potent, cell permeable synthetic peptide inhibitors that irreversibly inhibit activities of each of the caspase-family proteases. YVAD, VDVA, DEVD, LEVD, WEHD, VEID, IETD, LEHD, and AEVD are the recognition sequences for caspase-1, -2, -3, -4, -5, -6, -8, -9, and -10. VAD is a general caspase inhibitor that inhibits all known caspases. Z-FA-FMK is a negative control for FMK inhibitors.

PACKAGE CONTENTS:

Description	Inhibitor	Volume	Conc.	Cap color
Caspase-1 Inhibitor	Z-YVAD-FMK	25 µl	2 mM	Yellow
Caspase-2 Inhibitor	Z-VDVA-FMK	25 µl	2 mM	Orange
Caspase-3 Inhibitor	Z-DEVD-FMK	25 µl	2 mM	Red
Caspase-4 Inhibitor	Z-LEVD-FMK	25 µl	2 mM	Orange
Caspase-5 Inhibitor	Z-WEHD-FMK	25 µl	2 mM	Clear
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-10 Inhibitor	Z-AEVD-FMK	25 µl	2 mM	Amber
Caspase-13 Inhibitor	Z-LEED-FMK	25 µl	2 mM	Yellow
Caspase-Family Inhibitor	Z-VAD-FMK	25 µl	2 mM	Amber
FMK Negative Control	Z-FA-FMK	25 µl	2 mM	Clear

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.

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 & 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
- Growth Factors and Cytokines and Chemokines
- Polyclonal and Monoclonal Antibodies