

## Caspase-9/Mch6 Inhibitor, Z-LEHD-FMK

<b>CATALOG #:</b>	1074-100
<b>LOT #:</b>	_____
<b>STORAGE CONDITIONS:</b>	Store at -20°C.
<b>SHELF LIFE:</b>	6 months under proper storage conditions
<b>MOLECULAR WEIGHT:</b>	804.0
<b>SEQUENCE:</b>	Z-Leu-Glu-His-Asp-FMK (FMK, fluoromethyl ketone)
<b>PURITY:</b>	>98% by HPLC analysis
<b>PACKAGE CONTENTS:</b>	100 µl Z-LEHD-FMK (2 mM) in DMSO

**DESCRIPTION:**

A synthetic peptide that irreversibly inhibits caspase-9 and related caspase activity. The inhibitor is designed as a methyl ester to facilitate cell permeability.

**RECOMMENDED USAGE:**

We recommend using 1000X dilutions for inhibiting caspase-9 activity in cell culture (e.g., Add 1 µl to 1 ml of culture medium). The optimal doses may vary for different cells and culture conditions.

**REFERENCES:**

1. Thornberry, N.A., *et al.* (1997) *J. Biol. Chem.* **272**:17907-17911.

**RELATED PRODUCTS:**

## Apoptosis Detection Kits &amp; 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 &amp; 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 &amp; 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 &amp; Lipid Transfer

- Recombinant Adiponectin, Survivin, & Leptin
- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

## Molecular Biology &amp; 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