

Caspase-13 Inhibitor, Z-LEED-FMK

CATALOG #:	1115-20C
LOT #:	_____
STORAGE CONDITIONS:	Store at -20°C.
SHELF LIFE:	1 year under proper storage conditions
MOLECULAR WEIGHT:	696.0
SEQUENCE:	Z-Leu-Glu-Glu-Asp-FMK (FMK, fluoromethyl ketone)
PURITY:	>95% by HPLC analysis.
PACKAGE CONTENTS:	20 µl (10 mM) Z-LEED-FMK in DMSO

DESCRIPTION:

A synthetic peptide inhibitor that inhibits caspase-13 and related caspase activity. FMK inhibitors are irreversible and non-toxic, and can be used in both *in vivo* and *in vitro* studies.

RECOMMENDED USAGE:

We recommend using 1000-5000X dilutions for inhibiting caspase-13 and related caspase activity (e.g., Add 1 µl to 1-5 ml of culture medium). The optimal doses may vary among different cells and culture conditions. The inhibitor is designed as a methyl ester to facilitate cell permeability.

REFERENCES:

1. Humke, E.W., *et al.* (1998) *J. Biol. Chem.* **273**:15702-15707.

FOR RESEARCH USE ONLY! Not to be used in human.

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

