

# BioVision

## Caspase-13 Inhibitor, Z-LEED-FMK

|                            |   |
|----------------------------|---|
| <b>CATALOG #:</b>          | 1115-100  |
| <b>LOT #:</b>              | _____   |
| <b>STORAGE CONDITIONS:</b> | Store at -20°C.                                     |
| <b>SHELF LIFE:</b>         | 1 year under proper storage conditions              |
| <b>MOLECULAR WEIGHT:</b>   | 696.0   |
| <b>SEQUENCE:</b>           | Z-Leu-Glu-Glu-Asp-FMK<br>(FMK, fluoromethyl ketone) |
| <b>PURITY:</b>             | >95% by HPLC analysis.                              |
| <b>PACKAGE CONTENTS:</b>   | 100 µl (2 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 1000X dilutions for inhibiting caspase-13 and related caspase activity (e.g., Add 1 µl to 1 ml of culture medium). The optimal doses may vary for different cells and culture conditions. The inhibitor is designed as a methyl ester to facilitate cell permeability.

### REFERENCES:

- 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 <sup>rev. 04/06</sup>

- 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

Monoclonal and Polyclonal Antibodies

For research use only