

Caspase-3/CPP32 Inhibitor, Z-DEVD-FMK

CATALOG #:	1009-100
LOT #:	_____
STORAGE:	Store at -20°C.
SHELF LIFE:	1 year under proper storage conditions
MOLECULAR WEIGHT:	668.0
SEQUENCE:	Z-Asp-Glu-Val-Asp-FMK (FMK, fluoromethyl ketone)
PURITY:	>98% by HPLC analysis
PACKAGE CONTENTS:	100 µl (2 mM) Z-DEVD-FMK in DMSO

DESCRIPTION:

A synthetic peptide inhibitor that irreversibly inhibits caspase-3 and related protease/caspase activity and blocks apoptosis. DEVD is the specific recognition sequence found in poly (ADP-ribose) polymerase (PARP). The inhibitor is designed as a methyl ester to facilitate cell permeability.

RECOMMENDED USAGE:

We recommend using 1000X dilutions for inhibiting caspase-3 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.

REFERENCES:

1. Xiang, J., *et al.* (1996) *Proc. Natl. Acad. Sci. USA* **93**:14559.
2. Nicholson, D. W., *et al.* (1995) *Nature* **376**:37.
3. Lazebnic, Y. A., *et al.* (1994) *Nature* **371**:346.

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

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Apoptosis Detection Kits & Reagents

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

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