

Caspase-5/ICE_{rel}III Inhibitor, Z-WEHD-FMK

CATALOG #:	1100-100
STORAGE CONDITIONS:	Store at -20°C.
SHELF LIFE:	1 year under proper storage conditions
MOLECULAR WEIGHT:	763.78
SEQUENCE:	Z-Trp-Glu(OMe)-His-Asp(OMe)-FMK (FMK, fluoromethyl ketone)
PURITY:	>99% by HPLC analysis.
PACKAGE CONTENTS:	100 µl Z-WEHD-FMK (2 mM) in DMSO

DESCRIPTION:

A synthetic peptide that irreversibly inhibits caspase-5 and related caspase activity. The inhibitor is designed as a methyl ester to facilitate cell permeability. (**CAUTION:** If the intended use is on purified or recombinant enzymes, esterase should be added to generate free carboxyl groups).

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). 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.
2. Garcia-Calvo, M., *et al.* (1998) *J. Biol. Chem.* **273**:32608-32613.

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

RELATED PRODUCTS:

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- Caspase Assay Kits & Reagents
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- 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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