

EMAP II Inhibitor, Z-ASTD-FMK

CATALOG #:	1127-20C
STORAGE CONDITIONS:	Store at -20°C.
SHELF LIFE:	1 year under proper storage conditions
MOLECULAR WEIGHT:	556.54
SEQUENCE:	Z-Ala-Ser-Thr-Asp(OMe)-FMK (FMK, fluoromethyl ketone)
PURITY:	>99% by HPLC analysis
PACKAGE CONTENTS:	20 µl Z-ASTD-FMK (10 mM)

DESCRIPTION:

A synthetic peptide that irreversibly inhibits EMAP II (Endothelial Monocyte-Activated Polypeptide II) activity released during apoptosis. 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 500-1000X dilutions for inhibiting EMAP II activity in cell culture (e.g., Add 1-2 µl to 1 ml of culture medium). The optimal doses may vary for different cells and culture conditions.

REFERENCES:

- Knies, U.E., *et al.* (1998) *Proc. Natl. Acad. Sci. USA* **95**:12322-12327.

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

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

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

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- 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

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