

## Caspase-3 Inhibitor Z-DEVD-FMK

Cat. No. CEI-0430

Lot. No. (See product label)

### Introduction

#### 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. (CAUTION: If the intended use is on purified or recombinant enzymes, esterase should be added to generate free carboxyl groups).

#### Synonyms

Z-DEVD-FMK, Caspase-3 inhibitor (fluoromethylketone)

### Product Information

#### Appearance

Pale yellow solid

#### CAS No.

210344-95-9

#### Molecular Formula

C<sub>30</sub>H<sub>41</sub>FN<sub>4</sub>O<sub>12</sub>

#### Molecular Weight

331.8

#### Purity

>98% by HPLC

#### Targets

Caspase-3

#### Solubility

DMSO (~30 mg/ml) or H<sub>2</sub>O (~ 30 mg/ml)

#### Amino Acid Sequence

Z-Asp(OMe)-Glu(OMe)-Val-Asp(OMe)-FMK

### Storage and Shipping Information

#### Storage

-20 centigrade

#### Shipping Conditions

Gel pack