

## Biotin-DEVD-FMK

Cat. No. CEI-0431

Lot. No. (See product label)

### Introduction

#### Description

A synthetic peptide that irreversibly inhibits activity of caspase-3 and related caspases and blocks apoptosis. The inhibitor is designed as a methyl ester to enhance cell permeability. The conjugation with biotin allows detection of activated caspases in conjunction with avidin-tags. (CAUTION: If the intended use is on purified or recombinant enzymes, esterase should be added to generate free carboxyl groups).

#### Synonyms

Biotin-DEVD-FMK, DEVD-FMK, Biotin-

### Product Information

#### Appearance

White to off-white solid

#### Molecular Formula

C<sub>38</sub>H<sub>60</sub>FN<sub>7</sub>O<sub>13</sub>S

#### Molecular Weight

189.21

#### Purity

>99% by TLC

#### Targets

caspase-3

#### Solubility

DMSO (~25 mg/ml) or EtOH (~25 mg/ml)

#### Amino Acid Sequence

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

### Storage and Shipping Information

#### Storage

-20 centigrade

#### Shipping Conditions

Gel pack