

## 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**  $C_{38}H_{60}FN_7O_{13}S$

**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