

Biotin-VAD-FMK

Cat. No. CEI-0420

Lot. No. (See product label)

Introduction

Description A synthetic peptide that irreversibly inhibits activity of caspase family proteases 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-VAD-FMK, VAD-FMK, Biotin-

Product Information

Appearance White solid

Molecular Formula $C_{30}H_{49}FN_6O_8S$

Molecular Weight 390.41

Purity >98% by HPLC

Targets caspase

Solubility DMSO (~10 mg/ml) or Ethanol (<1 mg/ml)

Amino Acid Sequence Biotin-Val-Ala-Asp(OMe)-FMK

Storage and Shipping Information

Storage RT

Shipping Conditions Gel pack