

Z-DEVD-FMK

Cat. No. CEI-0432

Lot. No. (See product label)

Introduction

Description A synthetic peptide that irreversibly inhibits activity of DEVD-dependent caspases (e.g., caspase-3 and caspase-7) and blocks apoptosis. The inhibitor is designed as a methyl ester to facilitate cell permeability. The product can be used for both in vitro and in vivo studies. (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 Crystalline solid

CAS No. 210344-95-9

Molecular Formula C₃₀H₄₁FN₄O₁₂

Molecular Weight 462.56

Purity >98% by HPLC

Targets caspase-3

Solubility DMSO (~25 mg/ml) or Ethanol (~ 15 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