

Caspase-3 Inhibitor Z-DEVD-FMK

Cat. No. CEI-0436

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-4 inhibitor (fluoromethylketone)

Product Information

Appearance

Pale yellow solid

CAS No.

210344-95-9

Molecular Formula

C₃₀H₄₁FN₄O₁₂

Molecular Weight

668.7

Purity

>98% by HPLC

Targets

Caspase-3

Solubility

DMSO (~30 mg/ml) or H₂O (~ 31 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