

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