Creative Enzymes®

Caspase-3 Inhibitor Z-DEVD-FMK

Cat. No. CEI-0430

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-3 inhibitor (fluoromethylketone)

Product Information

Appearance	Pale yellow solid
CAS No.	210344-95-9
Molecular Formula	$C_{30}H_{41}FN_4O_{12}$
Molecular Weight	331.8
Purity	>98% by HPLC
Targets	Caspase-3
Solubility	DMSO (~30 mg/ml) or H_2O (~ 30 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