Creative Enzymes®

Caspase-Family Inhibitor Z-VAD-FMK

Cat. No. CEI-0423

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 facilitate cell permeability. The product can be used in both in vitro and in vivo studies. 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-VAD-FMK, Caspase-Family Inhibitor (fluoromethylketone)

Product Information

Appearance	Yellow solid
CAS No.	187389-52-3
Molecular Formula	$C_{22}H_{30}N_3O_7F$
Molecular Weight	370.76
Purity	>98% by HPLC
Targets	Caspase family
Solubility	DMSO (25 mM) or Ethanol (26 mM)
Amino Acid Sequence	Z-Val-Ala-Asp(OMe)-FMK

Storage and Shipping Information

Storage	-20 centigrade
Shipping Conditions	Gel pack