Creative Enzymes®

Caspase-1 Inhibitor Z-YVAD-FMK

Cat. No. CEI-0424

Lot. No. (See product label)

Introduction

Description	A synthetic peptide that irreversibly inhibits ICE (interleukin-1β converting enzyme, Ki = 0.76 nM) activity. YVAD is the specific recognition sequence for ICE/caspase-1. 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-YVAD-FMK, Caspase-1 Inhibitor (fluoromethylketone)

Product Information

Appearance	Yellow solid
Molecular Formula	$C_{31}H_{39}FN_4O_9$
Molecular Weight	223.28
Purity	>98% by HPLC
Targets	Caspase-1
Solubility	DMSO (~ 5 mg/ml)
Amino Acid Sequence	Z-Tyr-Val-Ala-Asp(OMe)-FMK

Storage and Shipping Information

Storage	-20 centigrade
Shipping Conditions	Gel pack