Creative Enzymes®

Caspase-4 Inhibitor Z-LEVD-FMK

Cat. No. CEI-0435

Lot. No. (See product label)

Introduction

Description	A synthetic peptide inhibitor that inhibits caspase-4 and related caspase activity. FMK inhibitors are irreversible and non-toxic, and can be used in both in vivo and in vitro 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-LEVD-FMK, Caspase-4 Inhibitor (fluoromethylketone)

Product Information

Appearance	Yellow to brown solid
Molecular Formula	$C_{31}H_{45}FN_4O_{10}$
Molecular Weight	550.64
Purity	>96% by HPLC
Targets	caspase-4
Solubility	DMSO
Amino Acid Sequence	Z-Leu-Glu(OMe)-Val-Asp(OMe)-FMK

Storage and Shipping Information

Storage	-20 centigrade
Shipping Conditions	Gel pack