Creative Enzymes®

Caspase-13 Inhibitor LEED-FMK

Cat. No. CEI-0428

Lot. No. (See product label)

Introduction

Description	A synthetic peptide inhibitor that inhibits caspase-13 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-LEED-FMK, Caspase-13 Inhibitor (fluoromethylketone)

Product Information

Appearance	Pale yellow solid
Molecular Formula	$C_{32}H_{45}FN_4O_{12}$
Molecular Weight	296.54
Purity	>97% by titration
Targets	caspase-13
Solubility	DMSO (~ 6 mg/ml) or Ethanol (~ 30 mg/ml)
Amino Acid Sequence	Z-Leu-Glu(OMe)-Glu(OMe)-Asp(OMe)-FMK

Storage and Shipping Information

Storage	+4 centigrade
Shipping Conditions	Gel pack