

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-1 β converting enzyme, K_i = 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