

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

C₃₁H₃₉FN₄O₉

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