

Calpain Inhibitor Z-LLY-FMK

Cat. No. CEI-0415

Lot. No. (See product label)

Introduction

Description A potent, cell-permeable, and irreversible inhibitor of calpain II ($k_2 = 28,900 \text{ M}^{-1}\text{s}^{-1}$). Also acts as an inhibitor of cathepsin L ($k_2 = 680,000 \text{ M}^{-1}\text{s}^{-1}$).

Synonyms Z-LLY-FMK, Calpain Inhibitor(fluoromethylketone)

Product Information

Appearance Light brown solid

CAS No. 133410-84-1

Molecular Formula $\text{C}_{30}\text{H}_{40}\text{FN}_3\text{O}_6$

Molecular Weight 238.26

Purity >98% by HPLC

Targets calpain II, cathepsin L

Solubility DMSO (~25 mg/ml) or EtOH (~10 mg/ml)

Storage and Shipping Information

Storage -20 centigrade

Shipping Conditions Gel pack