Creative Enzymes®

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 $M^{-1}s^{-1}$). Also acts as an inhibitor of cathepsin L (k_2 680,000 $M^{-1}s^{-1}$).
Synonyms	Z-LLY-FMK, Calpain Inhibitor(fluoromethylketone)

Product Information

Appearance	Light brown solid
CAS No.	133410-84-1
Molecular Formula	$C_{30}H_{40}FN_3O_6$
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