

Calpain Inhibitor II, ALLM

Cat. No. CEI-0412

Lot. No. (See product label)

Introduction

Description

A cell-permeable inhibitor of calpain 1 ($K_i = 120$ nM) and calpain 2 ($K_i = 230$ nM). Also potently inhibits cathepsin B ($K_i = 100$ nM), and cathepsin L ($K_i = 0.6$ nM). Shown to induce caspase-dependent apoptosis in human acute lymphoblastic leukemia and non-Hodgkin's Lymphoma cells.

Synonyms

Ac-LLM-CHO, N-Acetyl-Leu-Leu-Methional

Product Information

Appearance

White solid

CAS No.

136632-32-1

Molecular Formula

$C_{19}H_{35}N_3O_4S$

Molecular Weight

404.54

Purity

>98% by HPLC

Targets

calpain I, calpain II

Solubility

DMSO (25 mg/ml) or Ethanol (30 mg/ml)

Storage and Shipping Information

Storage

-20 centigrade

Shipping Conditions

Gel pack