

## 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