Calpain Inhibitor II, ALLM

ALTERNATE NAME: Ac-LLM-CHO, N-Acetyl-Leu-Leu-Methional

CATALOG #: 1835-5, 25

AMOUNT: 5 mg, 25

STRUCTURE:

MOLECULAR FORMULA: C_{19}H_{35}N_{3}O_{4}S

MOLECULAR WEIGHT: 401.57

CAS NUMBER: 136632-32-1

APPEARANCE: White powder

SOLUBILITY: DMSO (25 mg/ml) or EtOH (25 mg/ml)

PURITY: ≥95% by HPLC

STORAGE: Store at -20 ºC

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.


HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:
- Calpain Activity Assay Kit (Cat. No. K240-100)
- Calpain 1 Antibody (Cat. No. 3189-100)
- Calpain 1 Blocking Peptide (Cat. No. 3189BP-50)
- Calpain 2 Antibody (Cat. No. 3372-100)
- Calpain 2 Blocking Peptide (Cat. No. 3372BP-50)
- Calpain, Human, Active (Cat. No. 1134-100)
- Calpain Inhibitor I, ALLN (Cat. No. 1834-5, 25)
- Calpain Inhibitor Z-LLY-FMK (Cat. No. 1125-20C)
- Suc-Leu-Leu-Val-Tyr-AMC (Cat. No. 1833-5)