

MG-132

Cat. No. CEI-0620

Lot. No. (See product label)

Introduction

Description A cell-permeable, potent, and reversible proteasome inhibitor ($K_i = 4 \text{ nM}$). Reduces degradation of ubiquitin-conjugated proteins in mammalian cells and permeable strains of yeast by the 26S complex without affecting its ATPase or isopeptidase activities. Activates c-Jun N-terminal kinase (JNK1), which initiates apoptosis. Inhibits NF- κ B activation ($IC_{50} = 3 \text{ }\mu\text{M}$). Prevents γ -secretase cleavage.

Synonyms Z-Leu-Leu-Leu-CHO; Z-LLL-CHO

Product Information

Appearance Orange solid

CAS No. 133407-82-6

Molecular Formula $C_{26}H_{41}N_3O_5$

Molecular Weight 362.42

Purity >95% by HPLC

Targets protease

Solubility DMSO

Storage and Shipping Information

Storage -20 centigrade

Shipping Conditions RT