

MG-132

Cat. No. CEI-0620

Lot. No. (See product label)

Introduction

Description

A cell-permeable, potent, and reversible proteasome inhibitor ($K_i = 4$ 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 ($IC_{50} = 3$ μ 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