Creative Enzymes®

(R)-MG132

Cat. No. CEI-1002

Lot. No. (See product label)

Introduction

Description	(R)-MG132 is a potent, cell permeable and reversible inhibitor of proteasomes. It can inhibit proteasome activity in lysates of J558L multiple myeloma cells and EMT6 breast cancer cells. In comparison to (S)-MG132, the (R)-MG132 stereoisomer is a more effective inhibitor of chymotrypsin-like (ChTL), trypsin-like (TL), and peptidylglutamyl peptide hydrolyzing proteasome (PGPH) activities.

Product Information

Appearance	A crystalline solid.
CAS No.	1211877-36-9
Molecular Formula	C26H41N3O5
Molecular Weight	475.6
Purity	>98%
Targets	ChTL, TLa, PGPH
IC50	0.22 μM, 34.4 μM, 2.95 μM

Storage and Shipping Information

Storage	Store at or below -20 centigrade for up to two years.