

(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.