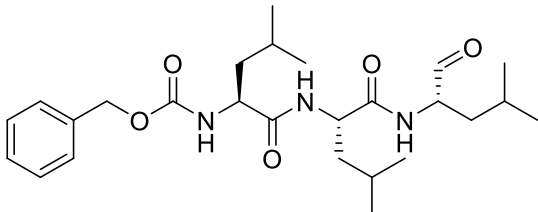


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
406304	MG-132	B8B06C04

Chemical name	
benzyl ((S)-4-methyl-1-(((S)-4-methyl-1-(((S)-4-methyl-1-oxopentan-2-yl)amino)-1-oxopentan-2-yl)amino)-1-oxopentan-2-yl)carbamate	
Synonyms	
MG-132; MG132; MG 132	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 406304 Name: MG-132 CAS#: 133407-82-6 Lot#: B8B06C04 Chemical Formula: C ₂₆ H ₄₁ N ₃ O ₅ Exact Mass: 475.30462 Molecular Weight: 475.62

Analysis item	Specifications / Results
Appearance	White to off-white solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>98.0%
Solubility	Soluble in DMSO
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE