

CERTIFICATE OF ANALYSIS

Proteasome Inhibitor MG-132	Cat. No. :	33766
	Contr. No. :	200275

Parameter	Method	Specification	Result
Amino acid-sequence		Z-Leu-Leu-Leu-CHO	
Formula		C ₂₆ H ₄₁ N ₃ O ₅	
Molecular weight		475.62	
Appearance		white lyophilisate	corresponds
Assay (%)	HPLC	min. 90.0	corresponds
Purity (%)	from N elemental analysis		100.2
Solubility		soluble in DMSO	corresponds
Advise		do not use an aqueous buffer substitute for DMSO because this compound may racemize soon	
Minimum shelf life			16.03.2022
Storage / Stability	powder	at -15 to -25 °C in the dark for more than one year	
	solution	at -15 to -25 °C for more than one month if it is protected from moisture and kept in the dark	

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