



碧云天生物技术/Beyotime Biotechnology  
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## MG-132 (Proteasome抑制剂)

产品编号	产品名称	包装
S1748-1mg	MG-132 (Proteasome抑制剂)	20mg/ml×0.05ml
S1748-5mg	MG-132 (Proteasome抑制剂)	5mg
S1748-25mg	MG-132 (Proteasome抑制剂)	25mg

### 产品简介:

- MG-132也写作MG132, 也称Z-LLL-CHO、Z-Leu-Leu-Leu-CHO、Z-Leu-Leu-Leu-al或Carbobenzoxy-L-leucyl-L-leucyl-L-leucinal, 是一种常用的Proteasome抑制剂, 即蛋白酶体抑制剂。MG-132可以通透细胞, 选择性抑制Proteasome,  $K_i=4nM$ 。可以激活JNK1并抑制NF- $\kappa$ B的激活( $IC_{50}=3\mu M$ )。在 $10\mu M$ 时可以诱导PC12细胞产生neurite outgrowth。
- MG-132分子量为475.62, 分子式为 $C_{26}H_{41}N_3O_5$ , CAS Number: 133407-82-6。本产品纯度大于99%。
- 本MG-132为进口分装, 其中20mg/ml包装产品用DMSO配制, 共0.05ml。5mg和25mg包装为粉末装。

### 包装清单:

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S1748-25mg	MG-132 (Proteasome抑制剂)	25mg
—	说明书	1份

### 保存条件:

-20°C避光保存, 半年有效。

### 注意事项:

- 本MG-132在4°C、冰浴等较低温度情况下会凝固而粘在离心管管底、管壁或管盖内, 可以20-25°C水浴温育片刻至全部融解后使用。
- 本产品仅限于专业人员的科学研究用, 不得用于临床诊断或治疗, 不得用于食品或药品, 不得存放于普通住宅内。
- 为了您的安全和健康, 请穿实验服并戴一次性手套操作。

### 使用说明:

1. MG-132常见使用浓度范围为1-50 $\mu M$ 。具体的最佳工作浓度请参考相关文献, 或根据实验目的, 以及所培养的特定细胞和组织, 通过实验进行摸索和优化。

### 使用本产品的文献:

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