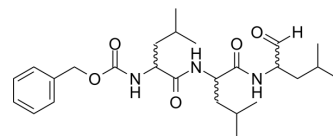


MG-132 (negative control)

| | | | |
|--------------------|----------------------|-------|----------|
| Cat. No.: | HY-13259D | | |
| Molecular Formula: | $C_{26}H_{41}N_3O_5$ | | |
| Molecular Weight: | 475.62 | | |
| Target: | Others | | |
| Pathway: | Others | | |
| Storage: | Powder | -20°C | 3 years |
| | In solvent | -80°C | 6 months |
| | | -20°C | 1 month |



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (210.25 mM; Need ultrasonic)

| | Solvent Concentration | Mass | 1 mg | 5 mg | 10 mg |
|------------------------------|--------------------------|------|-----------|------------|------------|
| | | | | | |
| Preparing Stock Solutions | 1 mM | | 2.1025 mL | 10.5126 mL | 21.0252 mL |
| | 5 mM | | 0.4205 mL | 2.1025 mL | 4.2050 mL |
| | 10 mM | | 0.2103 mL | 1.0513 mL | 2.1025 mL |

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

MG-132 negative control is the negative control form of MG-132 (HY-13259). MG-132 is a potent proteasome and calpain inhibitor^[1].

REFERENCES

[1]. Harhour K, et al. MG132-induced progerin clearance is mediated by autophagy activation and splicing regulation. EMBO Mol Med. 2017 Sep;9(9):1294-1313.

Caution: Product has not been fully validated for medical applications. For research use only.

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