



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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(S)-MG132

Catalog #: 27230

Lot #: 130820

Size: 10 mg

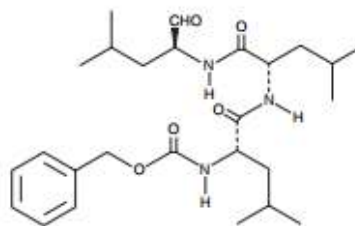
Structure:

CAS Registry #: 133407-82-6

Purity: ≥98%

Chemical Formula: C₂₆H₄₁N₃O₅

Molecular Weight: 475.6



Description: (S)-MG132 is a potent, reversible and cell-permeable inhibitor of proteasomes that inhibits cell growth in B16 and IPC227F cells. It also inhibits NF-κB activation, sensitizing a variety of carcinoma cell lines to apoptosis.

Appearance: A crystalline solid

Solubility: Soluble in ethanol, DMSO and DMF, purged with an inert gas. Solubility in these solvents is approximately 25 mg/ml. Do not store aqueous solutions for more than one day.

Biological Activity: (S)-MG132 inhibits cell growth in B16 and IPC227F cells with IC₅₀ values of 42 nM and 77 nM, respectively.

Storage/Stability: Store at or below -20°C for up to two years.

Quality Control: The purity was determined by HPLC analysis.

Reference(s):

1. Lee, D.H., *et al.*, *Trends Cell Biol.* 1998;**8**:397-403
2. Elliot, P.J., *et al.*, *J. Mol. Med.* 2003;**81**:235-245
3. Vivier, M., *et al.*, *J. Med. Chem.* 2008;**51**(4):1043-1047.
4. Arlt, A., *et al.*, *Oncogene.* 2001;**20**:859-868.