



# 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

### SZABO-SCANDIC HandelsgmbH

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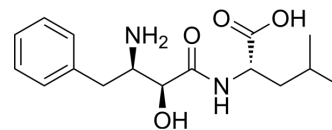
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## Bestatin (Standard)

Cat. No.:	HY-B0134R
CAS No.:	58970-76-6
Molecular Formula:	C <sub>16</sub> H <sub>24</sub> N <sub>2</sub> O <sub>4</sub>
Molecular Weight:	308.37
Target:	Aminopeptidase; Antibiotic; Bacterial
Pathway:	Metabolic Enzyme/Protease; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

Bestatin (Standard) is the analytical standard of Bestatin. This product is intended for research and analytical applications. Bestatin is a natural, broad-spectrum, and competitive CD13 (Aminopeptidase N)/APN and leukotriene A4 hydrolase inhibitor. Bestatin has anticancer effects<sup>[1][2]</sup>.

## REFERENCES

- [1]. Hossain A, et al. Protective effects of bestatin in the retina of streptozotocin-induced diabetic mice. *Exp Eye Res.* 2016 Aug;149:100-6
- [2]. Qian X, et al. Inhibition of p38 MAPK Phosphorylation Is Critical for Bestatin to Enhance ATRA-Induced Cell Differentiation in Acute Promyelocytic Leukemia NB4 Cells. *Am J Ther.* 2016 May-Jun;23(3):e680-9.
- [3]. Lis M, et al. The effects of bestatin on humoral response to sheep erythrocytes in non-treated and cyclophosphamide-immunocompromised mice. *Immunopharmacol Immunotoxicol.* 2013 Feb;35(1):133-8
- [4]. Poloz Y, et al. Bestatin inhibits cell growth, cell division, and spore cell differentiation in *Dictyostelium discoideum*. *Eukaryot Cell.* 2012 Apr;11(4):545-57

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

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