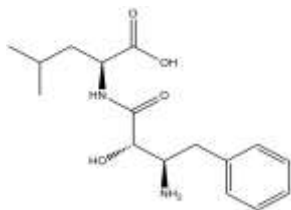


Bestatin

CATALOG #: 1733-25, 100

AMOUNT: 25 mg, 100 mg

STRUCTURE:



ALTERNATE NAME: ([2S,3R]-3-Amino-2-hydroxy-4-phenylbutanoyl)-L-leucine;
Ubenimex

MOLECULAR FORMULA: C₁₆H₂₄N₂O₄

MOLECULAR WEIGHT: 308.38

CAS NUMBER: 58970-76-6

APPEARANCE: White solid

SOLUBILITY: DMSO or MeOH

PURITY: ≥99%

STORAGE: Store at +4°C

DESCRIPTION: A potent aminopeptidase inhibitor ($K_i = 0.001-90$ mM); inhibits enkephalin metabolism and leukotriene A₄ hydrolase. Displays antitumor and immunostimulant properties.

REFERENCE: Umezawa, H., *et al.* (1982). *Ann. Rev. Microbiol.* **36**, 75-99.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

- AEBSF, HCl (Cat. No. 1644-200, 1G)
- Aprotinin (Cat. No. 4690-5, 100, 1000)
- EZBlock™ Protease Inhibitor Cocktail EDTA-Free (Cat. No. K272-1ML, 5ML, 1EA)
- Leupeptin, Hemisulfate (Cat. No. 1648-25, 50, 100)
- PMSF (Cat. No. 1548-5)
- Pepstatin A (Cat. No. 1732-25, 100)
- Protease Inhibitor Cocktail (Cat. No. K271-500)

FOR RESEARCH USE ONLY! Not to be used in humans!