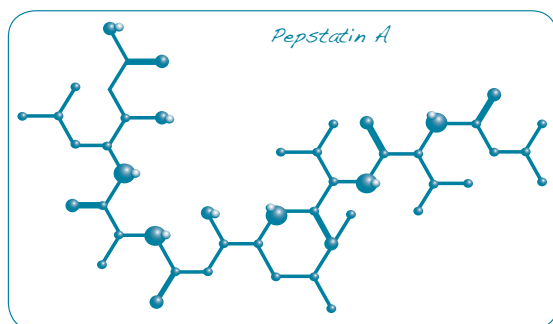


PROTEASE INHIBITORS

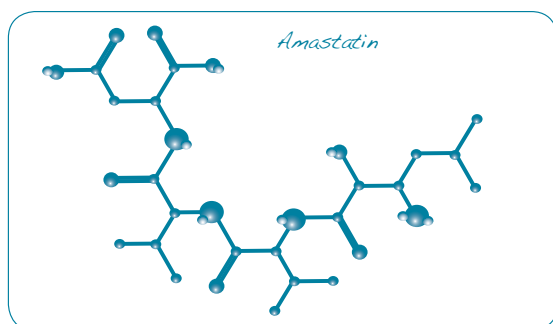
- Inhibition of proteolysis in vivo and in vitro
- Important tool in research and development
- Synthetic products with highest quality offered for milligram to kilogram quantities
- Manufactured according to ISO 9001 & ISO 13485



Pepstatin A

Potent, reversible, highly selective inhibitor for acid proteases (aspartate proteases). Has shown to inhibit HIV and MMTV proteases and no activity against thiol proteases.

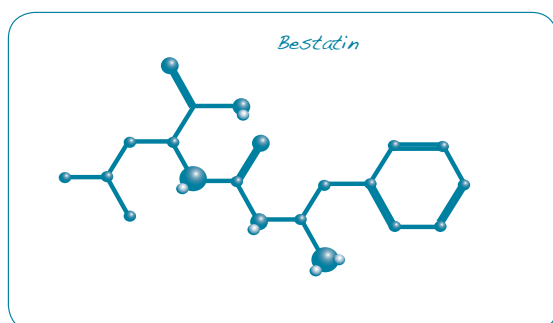
- ▶ van Kasteren SI *et al.* (2011). ACS Chem Biol. 6(11):1198-204.
- ▶ Oliveira CS *et al.* (2015). Cell Death Dis. 6:e1788.
- ▶ Liu Y *et al.* (2012). PLoS One. 7(9):e45910.
- ▶ Colella R *et al.* (2010). Cancer Lett. 294(2):195-203.



Amastatin HCl

Slow, tight-binding inhibitor of aminopeptidases. No inhibition of aminopeptidase B. Has been used to potentiate the action of some bioactive peptides by inhibiting their degradation by aminopeptidases.

- ▶ Murray H *et al.* (1994). Biochem J. 298 (Pt 2):353-60.
- ▶ Menrad A *et al.* (1993). Canc Res. 53:1450-5.
- ▶ Sakata N *et al.* (1992). J Antibiot (Tokyo). 45(1):113-7.



Bestatin HCl

Reversible inhibitor of aminopeptidases. Inhibition by Bestatin correlates to apoptosis induction in oncogenic cells. Has antitumor properties. Showed no inhibition of aminopeptidase A, trypsin, chymotrypsin, elastase, papain, pepsin, or thermolysin.

- ▶ Murray H *et al.* (1994). Biochem J. 298(Pt2):353-60.
- ▶ Menrad A *et al.* (1993). Canc Res. 53:1450-5.
- ▶ Sakata N *et al.* (1992). J Antibiot (Tokyo). 45(1):113-7.
- ▶ Gavioli R *et al.* (2002). Int J Cancer. 101(6):532-8.

PROTEASE INHIBITORS & COCKTAIL KITS

Protease Inhibitor	Catalog number	Protease Inhibitor	Catalog number
Acetyl-Pepstatin	PPI 6011	Epiamastatin HCl	PPI 1210
AEBSF HCl	PPI 1310	Epibestatin HCl	PPI 1710
Alafosfalin	PNO 1011	FALGPA	PPI 1910
Amastatin HCl	PPI 1010	Leupeptin HCl	PPI 4011
Antipain 2HCl	PPI 2010	Leupeptin Hemisulfate	PPI 4010
Aprotinin	PPI 1110	Leupeptin TFA	PPI 4012
Bestatin HCl	PPI 1510	Pepstatin A	PPI 6010
Bestatin Ubenimex	PPI 1520	Phosphoramidon	PPI 6110
Boc-Statine	PPI 8210	Prolyl Endopeptidase Inhibitor II	NPI 12
Bradykinin	PBR 0110	Propionylleupeptin Hemisulfate	PPI 4013
Calpain Inhibitor I (MG101)	PPI 3010	Subtilisin Inhibitor I	NPI 01
Calpain Inhibitor II	PPI 3510	TLCK	PPI 8010
Calpain Inhibitor III	PPI 3610	Start Perfect Cocktail	PPI 1011
Calpain Inhibitor IV (MG132)	PPI 3710	Broad Perfect Cocktail	PPI 1012
Cathepsin Inhibitor I	NPI 02	Broad 2 Perfect Cocktail	PPI 1020
Cathepsin Inhibitor II	NPI 03	Broad 3 Perfect Cocktail	PPI 1034
Cathepsin Inhibitor III	NPI 04	Bacteria Perfect Cocktail	PPI 1013
Cathepsin Inhibitor	NPI 05	Tissue Perfect Cocktail	PPI 1014
Cathepsin Inhibitor	NPI 07	Tissue 2 Perfect Cocktail	PPI 1015
Cathepsin / Subtilisin Inhibitor	NPI 09	His Perfect Cocktail	PPI 1016
E-64	PPI 1810	Plant Perfect Cocktail	PPI 1021
E-64 c	PPI 1812	Yeast Perfect Cocktail	PPI 1022
E-64 d	PPI 1811	Cystein Perfect Cocktail	PPI 1023

Our product portfolio includes also **Phosphatase Inhibitors**, **Collagenase Inhibitors** as well as **Custom Peptide Services**. Please contact our service team for further information.