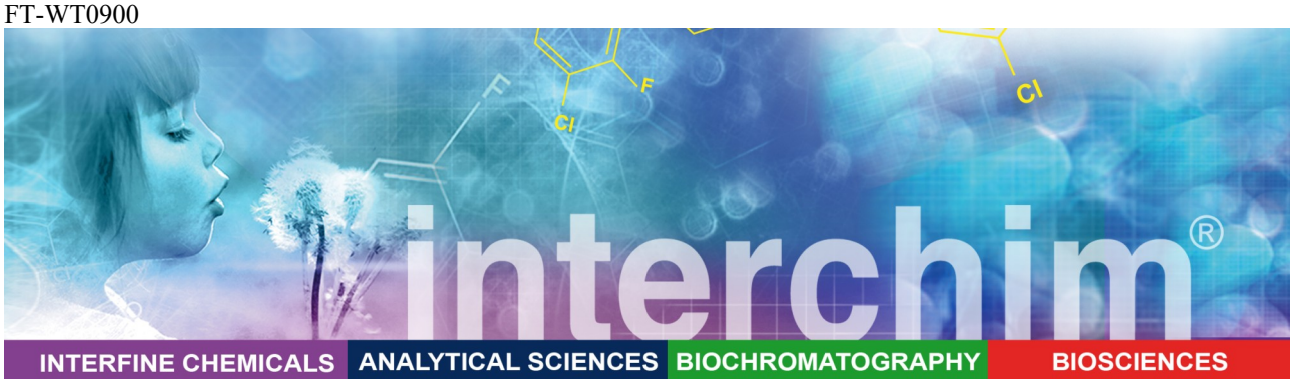
FT-WT0900



Proteases Inhibitors

Products Description

Invasive proteases can contaminate research samples and slow or halt research progress, rendering time-consuming and expensive work useless. Protease inhibitor cocktails are a unique series of enzyme inhibitors that knock out specific proteases to avoid peptide bond hydrolysis and subsequent protein destruction.

Uptima provides ready-to-use formulated cocktails of inhibitors for use in protein research.

. Ready-to-Use Protease Inhibitors Cocktails

- **Convenient**: No need to prepare, ready-to-use formulations.
- **Consistent**: High quality ensures reproducible results.
- **Easy-to-use**: Simply dilute according to your needs.
- **Flexibility**: EDTA-Free, Animal-Free and DMSO-Free (cocktail is a lyophilized solid instead of a solution in DMSO).
- **Optimized formulations** designed for your specific applications.

A great selection of specific cocktail formulations designed to inhibit proteolytic activity from most tissues or cell extracts, including mammalian, bacterial, yeast, fungal and plant cells.

The four more popular Inhibitor cocktails are:

-Protease Inhibitor **Cocktail III** is a specially formulated cocktail of six protease inhibitors with broad specificity for the inhibition of aspartic, cysteine and serine proteases as well as aminopeptidases.

-Protease Inhibitor **Cocktail IV** is specially formulated cocktail of four protease inhibitors with broad specificity for the inhibition of serine, cysteine, aspartic and metallo-proteases.

-**Bestatin** is an aminopeptidase inhibitor.

-**Leupeptin** a reversible inhibitor of serine and cysteine proteases.
Often used for the inhibition of plasmin, trypsin, papain, kallikrein and cathepsin B.

Directions for use Scientific and technical information Other information

Inhibitor	Cocktails Components	Recommended Applications	Specificity of Inhibitors	Cat No. (Storage code)	
Proteases Inhibitors					
Protease Inhibitor Cocktail **I (general use)**	AEBSF, Aprotinin (Recombinant), E-64, EDTA, Leupeptin	General Use	Proteases, Esterases, Cysteine Proteases, Metalloproteases and Trypsin-like Proteases	WT0900, 1 vial	
Protease Inhibitor Cocktail **I**, **animal-free** (general use)	Animal-Free AEBSF, Aprotinin (Recombinant), E-64, EDTA, Leupeptin	General use and for applications that require animal-free reagents	Serine Proteases, Esterases, Cysteine Proteases, Metalloproteases and Trypsin-like Proteases	WT0940, 1 vial	
Protease Inhibitor Cocktail **II (bacterial)**	AEBSF, Bestatin, E-64, EDTA, Pepstatin A Serine	Bacterial cell extracts	Proteases, Aminopeptidases, Cysteine Proteases, Metalloproteases and Aspartic Proteases	WT8260, 1 vial	

Inhibitor	Cocktails Components	Recommended Applications	Specificity of Inhibitors	Cat No. (Storage code)	
Protease Inhibitor Cocktail **III** (**mammalian**)	AEBSF, Aprotinin (Recombinant) Bestatin, E-64, Leupeptin, Pepstatin A	Mammalian cells and tissue extracts	Serine Proteases, Cysteine Proteases, Trypsin-like Proteases, Aspartic Proteases, Aminopeptidases	WT0850, 1ml	
Protease Inhibitor Cocktail **III**, **animal-free** (mammalian)	Animal-Free AEBSF, Aprotinin (Recombinant) Bestatin, E-64, Leupeptin, Pepstatin A	Mammalian cells and tissue extracts and for applications that require animal-free reagents	Serine Proteases, Cysteine Proteases, Trypsin-like Proteases, Aspartic Proteases, Aminopeptidases	WT0920, 1ml	
Protease Inhibitor Cocktail **III**, anim-free, **solvent free** (mam.)	Animal-Free, DMSO-Free AEBSF, Aprotinin (Recombinant) Bestatin, E-64, Leupeptin, Pepstatin A	Mammalian cells and tissue extracts, for animal-free, organic solvent free applications	Serine Proteases, Cysteine Proteases, Trypsin-like Proteases, Aspartic Proteases, Aminopeptidases	WT0890, 1 vial	
Protease Inhibitor Cocktail IV (fungi & yeast)	AEBSF, E-64, Pepstatin A, Phenanthroline	Fungal and yeast cell extracts / serine, cysteine, aspartic and metallo-proteases	Serine Proteases, Cysteine Proteases, Aspartic Proteases and Metalloproteases	WT0930, 1ml	
Protease Inhibitor Cocktail **V**, **EDTA-Free**	AEBSF, Aprotinin, E-64, Leupeptin	Mammalian cells and tissue extracts, samples analyzed by 2-D gel electrophoresis	Serine Proteases& Cysteine Proteases but not metallo-proteases	WT8280, 1 vial	
Protease Inhibitor Cocktail **V**, EDTA-Free, **animal-free**	AEBSF, Aprotinin (Recombinant), E-64, Leupeptin	Mammalian cells and tissue extracts and for applications that require animal-free reagents	Proteases and Trypsin like Proteases	WT0860, 1 vial	
Protease Inhibitor Cocktail **VI**, General Use **Broad Range**	AEBSF, Aprotinin, Bestatin, E-64, EDTA, Leupeptin, E-64	General Use	serine, cysteine, aminopeptidases and metallo-proteases	WT8220, 1 vial	
Protease Inhibitor Cocktail **VI**, **Plant Cells**	AEBSF, Bestatin, E-64, Leupeptin, Phenanthroline, Pepstatin	Plant cell extracts *Use 1ml 1X per 30g of plant tissues*	Proteases, Aminopeptidases, Cysteine Proteases, Aspartic Proteases and Metalloproteases	WT0870, 1 ml in DMSO	
Protease Inhibitor Cocktail **VII**	AEBSF, Bestatin, E-64, Pepstatin A, Phosphoramidon	Histidine-tagged proteins.*Use 1ml 1X per 10g of cells*	Serine Proteases, Cysteine Proteases, Aspartic Proteases, Aminopeptidases, Metalloendopeptidases	WT0880, 1ml DMSO	
Protease Inhibitor Cocktail **VII**, **DMSO-Free**	AEBSF, Bestatin, E-64, Pepstatin A, Phosphoramidon	Histidine-tagged proteins and organic solvent free applications	Serine Proteases, Cysteine Proteases, Aspartic Proteases, Aminopeptidases, Metalloendopeptidases	WT0910, 1 vial	
Protease Inhibitor Cocktail **VIII**	ALLN, Antipain, E-64	Broad range cysteine protease inhibition	Selectiv Cysteins: Calpain I/II, Cathepsin A/B, Cathepsin L/S, Papain, and Cysteine Proteases	DZ0280, 1ml DMSO	
Serine Protease Inhibitor Cocktail I	AEBSF, Aprotinin, Elastatinal, GGACK	Serine proteases inhibition	Broad range serine protease inhibition Chymotrypsin, Kallikrein, Plasmin, Thrombin, Trypsin, Elastase, Urokinase and Factor Xa.	WT8230, 1 vial	

Reconstitute each vial with 1 ml H_2O to obtain a 1 ml 100X stock solution.
Storage: –20°C (J)

Directions for use

Handling and Storage

Proteases Inhibitor Cocktails should be stored at –20°C (J)
They are provided as ready to use vials, 1ml 100X solution. See each product description or the literature for more information.

Related / associated products and documents

Protein assays: BC Assay #UP40840A; Coo Assay #UPF86400.
Phosphatase Inhibitors WT0970
Desalting tools: CelluSep dialysis tubings
See Product hightlights, Biosciences Innovation and e-search tool.

Ordering information

Catalog size quantities and prices may be found at http://www.interchim.com.
Please inquire for higher quantities (availability, shipment conditions).

For any information, please ask : Uptima / Interchim; Hotline : +33(0)4 70 03 73 06

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