

## Protease Inhibitor Cocktail Full Range(1,000X)

Catalog # FC0060-0001

Store at -20°C

1 vial of protease inhibitor cocktail in 1.0 mL DMSO

### DESCRIPTION

The Protease Inhibitor Cocktail has broad inhibition of serine, cysteine, aspartic, metallo-protease, trypsin and trypsin-like enzyme.

### SPECIFICATIONS

**Components:** Each protease inhibitor cocktail vial contains the following components:

Inhibitor	Concentration	Target / Applications
AEBSF	25 mg/mL	serine proteases
Bestatin	0.3 mg/mL	aminopeptidase B, leucine aminopeptidase
E-64	0.4 mg/mL	cysteine proteases
Leupeptin	1 mg/mL	Cysteine Proteases and Trypsin-like Proteases
Pepstatin A	1 mg/mL	aspartic proteases
Benzamidine HCl	10 mg/mL	
1,10-phenanthroline	1g/mL	
Aprontinin	2 mg/mL	Broad Spectrum, Serine Proteases
Phosphoramidon	1.2 mg/mL	

**Shipping and Storage:** The Protease Inhibitor Cocktail is shipped at -20 °C. For maximum stability and long-term use, store at -20 °C. The product is stable for one year when stored properly.

## **QUALITY EQUIVALENCY**

One mL is recommended for the inhibition of proteases equivalent to 1 0mg of USP pancreatin and is recommended for the inhibition of proteases present in a maximum of 200 g of cell or tissue extract.

## **REFERENCES**

1. Umezawa H., Ann. Rev. Microbiol., 36, 75-99 (1982).
2. Aoyagi, T. et al., Biochem. Int., 9, 405-411 (1984).
3. Mumford, R. A., et al., Biochem. Biophys. Res. Comm., 103, 565-572 (1981).



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