

Protease Inhibitor Cocktail

Set VII for General Use(100X)

CATALOG # FC0010-0001 (1 vial of protease inhibitor cocktail in 1.0 mL DMSO)

STORAGE : -20

DESCRIPTION

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

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

Inhibitor	Concentration	Target / Applications
AESBF	2.5 mg/mL	serine proteases
Aprotinin	0.2 mg/mL	Broad Spectrum, Serine Proteases
Bestatin	0.03 mg/mL	aminopeptidase B, leucine aminopeptidase
E-64	0.04 mg/mL	cysteine proteases
Leupeptin	0.1 mg/mL	Cysteine Proteases and Trypsin-like Proteases
Benzamidine HCl	1 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.

PACKAGE QUALITY One vial makes 100 mL of extract solution.

QUALITY EQUIVALENCY

One mL is recommended for the inhibition of proteases equivalent to 1 mg of USP pancreatin and is recommended for the inhibition of proteases present in a maximum of 20 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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