



Protease Inhibitor Cocktail for Full Range

CATALOG # FC0070-0001

STORAGE : -20 °C

Components:

Each inhibitor cocktail vial contains the following components:

2.5 mg AEBSF (Target Protease: Serine Proteases)

0.2 mg Aprotinin (Broad Spectrum, Serine Proteases)

0.03 mg Bestatin (Target Protease: Aminopeptidase B and Leucine Aminopeptidase)

0.04 mg E-64 (Target Protease: Cysteine Proteases)

0.1 mg Leupeptin (Cysteine Proteases and Trypsin-like Proteases)

0.1 mg Pepstatin A (Target Protease: Aspartic Proteases)

1 mg Benzamidine HCl

0.12 mg Phosphoramidon

100 mg 1,10-phenanthroline

Package quality:

One vial can make 100 ml of cocktail solution.

Storage and stability:

Freezer (-20°C). This product is stable for up to 1 year as supplied.

Applications:

Use generally to inhibit serine, cysteine, aspartic and metalloproteases.

Quality Equivalency:

One ml is recommended for the inhibition of proteases equivalent to 1 mg of USP pancreatin. One vial is recommended for the inhibition of proteases present in a maximum of 20g of cell 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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