

# Product Information

## Protease Inhibitor Cocktails

### **PIC002, Protease Inhibitor Cocktail, General Use without EDTA**

Packaged in a ready-to-use lyophilized powder. A specially, formulated cocktail of 5 protease inhibitors with broad specificity for the inhibition of serine, cysteine and aminopeptidases.

#### **PREPARATION OF 1X SOLUTION:**

One vial is recommended for the inhibition of proteases present in 20g of cell extract. Reconstitute each vial with 100ml of deionized water to obtain a 100ml cocktail solution. Shelf-life is approximately 2 weeks reconstituted this way. Aliquot and freeze. Avoid multiple freeze thaw cycles.

#### **COMPONENTS AND THEIR CONCENTRATIONS:**

<u><b>INHIBITOR</b></u>	<u><b>MW</b></u>	<u><b>[WORKING CONC. ]</b></u>
AEBSF HCl:	239.7	2 mM
Aprotinin	6512.0	0.3 $\mu$ M
Bestatin HCl	344.8	130 $\mu$ M
E64	357.4	14 $\mu$ M
Leupeptin	475.6	1.0 $\mu$ M

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