

Product Information

Protease Inhibitor Cocktails

PIC001, Protease Inhibitor Cocktail, General Use with EDTA

Packaged in a ready-to-use lyophilized powder. A specially, formulated cocktail of 6 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>INHIBITOR</u>	<u>MW</u>	<u>[WORKING CONC.]</u>
AEBSF HCl:	239.5	2 mM
Aprotinin	6512.0	0.3 μ M
Bestatin HCl	344.8	130 μ M
E64	357.4	14 μ M
Leupeptin	493.6	1.0 μ M
EDTA	372.2	1.0mM