

Protease inhibitor cocktail II (for Bacteria)

Product Description

Name :	Protease inhibitor cocktail II (for Bacteria)
Catalog Number :	WT8260, 1U
Appearance:	White lyophilized solid
Cocktails Components :	AEBSF, Bestatin, E-64, EDTA, Pepstatin A Serine
Specificity of Inhibitors :	Proteases, Aminopeptidases, Cysteine Proteases, Metalloproteases and Aspartic Proteases
Storage:	-20°C (M, J, I)

Introduction

Protease Inhibitor Cocktail II is a cocktail of five protease inhibitors with broad specificity for the inhibition of aspartic, cysteine, serine, and metalloproteases as well as aminopeptidases. This cocktail is recommended for use with bacterial cell extracts.

Directions for use

Recommended for use with bacterial cell extracts.

Five ml solution is recommended for the inhibition of proteases extracted from 20 g of E. coli.

Reconstitute each vial with 1ml DMSO (first) and 4 ml H₂O to obtain a 5 ml stock solution.

The solution may appear turbid.

Each vial contains the following components:

Products	Mol. Wt	Concentration	Target Proteases
AEBSF, HCl	239.5	20 mM	Serine Proteases
Bestatin	344.8	1.7 mM	Aminopeptidase B and Leucine Aminopeptidase
E-64	357.4	200 µM	Cysteine Proteases
EDTA	372.2	85 mM	Metalloproteases
Pepstatin A	685.9	2 mM	Aspartic Proteases

References

- Proteolytic Enzymes-A Practical Approach (Beynon, P. J. & Bond, J. S. eds) 1994, pp. 241-249.

Other information

Catalog size quantities and prices may be found at <http://www.interchim.com>.

For any information, please ask : Uptima / Interchim; Hotline : +33(0)4 70 03 73 06

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