



Protease Inhibitor Cocktail Set VII Cat. No. 539138

Note that this user protocol is not lot-specific and is representative of the current specifications for this product. Please consult the vial label and the certificate of analysis for information on specific lots. Also note that shipping conditions may differ from storage conditions. Full details are available at www.calbiochem.com.

This set is a specially formulated protease inhibitor cocktail of five protease inhibitors with broad specificity for the inhibition of cysteine, serine, aspartic, and thermolysin-like proteases and aminopeptidases. This cocktail is recommended for purification of histidine-tagged proteins.

Storage: Freezer (-20°C).

Composition: This product is provided as a single vial or as a set of 5 vials. Each vial contains 1 ml of protease inhibitor cocktail solubilized in DMSO with the following components:

Product	Cat. No.	Mol. Wt.	Concentration in the Vial	Target Protease
AEBSF, Hydrochloride	101500	239.5	100 mM	Serine Proteases
Bestatin	200484	308.4	5 mM	Aminopeptidase B and Leucine Aminopeptidase
E-64, Protease Inhibitor	324890	357.4	1.5 mM	Cysteine Proteases
Pepstatin A	516481	685.9	2 mM	Aspartic Proteases
Phosphoramidon	525276	587.5	0.2 mM	Metalloendopeptidases

Recommended usage: One ml will inhibit the protease activity in 10 g of cells.

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