



Serine Protease Inhibitor Cocktail Set I Cat. No. 565000

Note that this data sheet 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.

Size: 1 vial
 5 vial

Description: A cocktail of four protease inhibitors that is useful for inhibition of a broad range of serine proteases. When reconstituted each vial will contain a 100X stock solution of protease inhibitors. When diluted to 1X the protease inhibitor cocktail will contain the following components at the indicated concentrations:

Set Contents:

Compound	Cat. No.	1x stock solution contains	Comments
AEBSF, HCl	101500	500 µM	Specific, irreversible inhibitor of serine proteases. Inhibits chymotrypsin, kallikrein, plasmin, thrombin, trypsin, and related thrombolytic enzymes.
Aprotinin	616370	420 nM	Inhibits a number of different proteases, including chymotrypsin, coagulation factors involved in the prephase of blood clotting, kallikrein, plasmin, tissue and leukocytic proteinases, and trypsin.
Elastatinal	324691	20 µM	An inhibitor of elastase-like serine protease produced by actinomycetes.
GGACK	347436	1 µM	Irreversible inhibitor of urokinase. Also inhibits Factor Xa.

Form: Lyophilized.

Solubility: Reconstitute with 1 ml H₂O to yield a 100X stock solution.

Storage: FREEZER (-20°C). Hygroscopic. Following initial thaw, aliquot and freeze (-20°C). Stock solutions are stable for up to 1 month at -20°C.

Toxicity: MSDS available upon request.

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