

Certificate of Analysis

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Product Name: Protease Inhibitor Cocktail I

Catalog No.: 5500

Batch No.: 12

1. PHYSICAL AND CHEMICAL PROPERTIES

Physical Appearance: liquid
Solubility: Soluble in DMSO (supplied pre-dissolved in 1ml DMSO)
Storage: Store at -20°C

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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Product Name: Protease Inhibitor Cocktail I

Catalog No.: 5500

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Description:

Protease Inhibitor Cocktail I is a blend of protease inhibitors optimized for mammalian cells. Contains the following inhibitors: AEBSF HCl (100 mM), Aprotinin (80 µM), Bestatin (5 mM), E-64 (1.5 mM), Leupeptin (2 mM) and Pepstatin (1 mM). Cocktail is provided as 1 ml of 100X concentrate in DMSO.

Physical and Chemical Properties:

Physical Appearance: liquid

Storage: Store at -20°C

Solubility & Usage Info:

Soluble in DMSO (supplied pre-dissolved in 1ml DMSO)

Stability and Solubility Advice:

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

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