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## DATASHEET

### Protease Inhibitor Cocktail powder (General Use)

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#### Product overview

<b>Name</b>	Protease Inhibitor Cocktail powder (General Use)
<b>Cat No</b>	HB9078
<b>Biological action</b>	Inhibitor
<b>Description</b>	Protease Inhibitor Cocktail powder for general use to inhibit a broad range of proteases and esterases

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#### Biological Data

##### Biological description

##### Overview

This protease inhibitor cocktail contains a mixture of protease inhibitors with a broad range for proteases and esterases. It has been optimized for the inhibition of a broad range of proteases and esterases.

Protease inhibitor cocktails protect proteins from degradation by endogenous proteases released during protein extraction and purification.

##### Components and action

The following components included in this cocktail target: serine proteases, cysteine proteases, metalloproteases.

- AEBSF hydrochloride serine protease inhibitor (500 $\mu$ M)
- Aprotinin (bovine, recombinant, *Nicotiana sp.*): serine protease inhibitor (150nM)
- E-64: cysteine protease inhibitor (1 $\mu$ M)
- Leupeptin hemisulfate: serine/cysteine protease inhibitor (1 $\mu$ M)
- EDTA disodium salt: metalloprotease inhibitor (500 $\mu$ M)

##### Formulation & usage recommendation

The cocktail is supplied as a white lyophilized solid. Reconstitute each vial with 1ml of water to obtain a 100X concentrate stock solution.

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#### Solubility & Handling

##### Storage instructions

-20°C

##### Solubility overview

Water, aqueous buffers, add directly to extraction buffer

##### Handling

Following reconstitution, aliquot and freeze (-20°C). Stock solutions are stable for up to 1 month at -20°C.

##### Important

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

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#### Chemical Data

