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DATASHEET

Protease Inhibitor Cocktail powder (General Use)

Product overview

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

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 (500μM)
- Aprotinin (bovine, recombinant, Nicotiana sp.): serine protease inhibitor (150nM)
- E-64: cysteine protease inhibitor (1μM)
- Leupeptin hemisulfate: serine/cysteine protease inhibitor (1μM)
- EDTA disodium salt: metalloprotease inhibitor (500μM)

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.

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.

Chemical Data

Appearance

White lyophilized Solid
