Product Specifications

IBI SCIENTIFIC

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PROTEASE INHIBITOR COCKTAIL

Product Number **IB01070**

Size **1ml**

CAS NO.

CAS# N/A

PHYSICAL SPECIFICATIONS

Name	Mol. Weight	Description
AEBSF	239.5	Irreversible serine protease inhibitor
Aprotinin	6512.0	Competetive/reversible serine protease inhibitor
Bestatin	308.4	Competitive inhibitor of aminopeptidases
E64	357.4	Irreversible inhibitor of cysteine proteases
Leupeptin	493.6	Reverible inhibitor of cysteine proteases

STORAGE

Store at room temperature. Keep tightly sealed. Protect from moisture. Freeze when reconstituted.

RECOMMENDED USE

Protease Inhibitor Cocktail is an easy to use lyophilized power. Just add 1ml of ddH_2O to the vial and mix gently. The reconstituted Protease Cocktail should be aliquoted into multiple tubes and frozen. The material can be stored up to two weeks. A 1ml vial of Protease Cocktail is sufficient for 100ml of sample buffer.

Name	Mol. Weight	Amount/1ml	Working Dilution
AEBSF	239.5	50mM	0.5mM
Aprotinin	6512.0	30µM	0.3µM
Bestatin	308.4	1mM	10µM
E64	357.4	1mM	10µM
Leupeptin	493.6	1mM	10µM

WARNING



DANGER!

Classification: Acute Toxicity (Oral) - 4
Acute Toxicity (Dermal) - 4
Acute Toxicity (Inhalation) - 4
Skin Corrosion/Irritation - 1B
Serious Eye Damage/Eye Irritation - 1

Hazard Statements: H302-Harmful if swallowed • H312-Harmful in contact with skin • H314-Causes severe skin burns and eye damage • H332-Harmful if inhaled.

Precautionary Statements: P260-Do not breathe dust/fume/gas/mist/vapors/spray • P264-Wash face, hands, and any exposed skin thoroughly after handling • P270-Do not eat, drink, or smoke when using this product • P271-Use only outdoors or in a well-ventilated area • P280-Wear protective gloves/protective clothing/eye protection/face protection • P310-Immediately call a POISON CENTER or doctor/physician • P305+P351+P338-IF IN EYES: Rinse cautiously with water for several mintues. Remove contact lenses, if present and easy to do. Continue rinsing • P303+P361+P353-IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower • P304+P340-IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing • • P311-Call a POISON center or doctor/physician • P301+P312+P330-IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell • P330-Rinse mouth • P331-Do NOT induce vomiting • P405-Store locked up • P501-Dispose of contents/container to an approved waste disposal plant

FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

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