

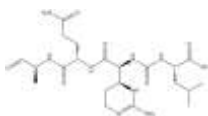
PRODUCT: Elastatinal

ALTERNATE NAME: (2S)-2-[[[(1S)-2-[[[(2S)-5-amino-1,5-dioxo-1-[[[(2S)-1-oxopropan-2-yl]amino]pentan-2-yl]amino]-1-[(6S)-2-amino-1,4,5,6-tetrahydropyrimidin-6-yl]-2-oxoethyl]carbonylamino]-4-methylpentanoic acid

CATALOG #: 9629-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₁H₃₆N₈O₇

MOLECULAR WEIGHT: 512.56

CAS NUMBER: 51798-45-9

APPEARANCE: White to off-white solid

SOLUBILITY: H₂O (~20 mg/ml)

PURITY: ≥98%

STORAGE: Store at -20°C. Protect from air and moisture

DESCRIPTION: Elastatinal is a potent, selective, and an irreversible elastase inhibitor (K_i = 240 nM). Elastatinal is a much stronger inhibitor of elastase from pancreas than from leucocytes. Displays antiviral activities.

REFERENCE: Fienstein, G., *et al.* (1976). *Biochim. Biophys. Acta* **429**, 925-932.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

AEBSF, HCl (**Cat. No. 1644-200, 1G**)

Aprotinin (**Cat. No. 4690-5, 100, 1000**)

BCA Protein Quantitation Kit (**Cat. No. K812-1000**)

E-64 (**Cat. No. 1739-5, 25**)

EZBlock™ Phosphatase Inhibitor Cocktail III (**Cat. No. K276-1, set**)

EZBlock™ Phosphatase Inhibitor Cocktail IV (**Cat. No. K282-1, set**)

EZBlock™ Phosphatase Inhibitor Cocktail I (50X) (**Cat. No. K273-1, set**)

EZBlock™ Protease Inhibitor Cocktail II (**Cat. No. K277-set**)

EZBlock™ Protease Inhibitor Cocktail III (**Cat. No. K278-set**)

EZBlock™ Protease Inhibitor Cocktail IV (**Cat. No. K279-1, set**)

EZBlock™ Protease Inhibitor Cocktail EDTA-Free (**Cat. No. K272-1, 5, set**)

EZBlock™ Protease Inhibitor Cocktail V, EDTA-Free (**Cat. No. K290-1, set**)

EZBlock™ Protease Inhibitor Cocktail VI, General Use (**Cat. No. K291-1, set**)

EZBlock™ Protease Inhibitor Cocktail VII (**Cat. No. K292-1, set**)

EZBlock™ Protease Inhibitor Cocktail VIII (**Cat. No. K293-1, set**)

EZBlock™ Protease Inhibitor Cocktail IX (**Cat. No. K294-1, set**)

EZBlock™ Universal Protease and Phosphatase Inhibitor Cocktail (**Cat. No. K283-1, set**)

EZBlock™ Universal Protease and Phosphatase Inhibitor Cocktail, EDTA-Free (**Cat. No. K284-1, set**)

EZLys™ Bacterial Protein Extraction Reagent (**Cat. No. 8001-100, 500**)

EZLys™ Lysozyme, Human (**Cat. No. 8005-1G, 5G**)

Okadaic Acid (**Cat. No. 1543-025**)

Okadaic Acid, Ammonium Salt (**Cat. No. 1766-025**)

Okadaic Acid, Potassium Salt (**Cat. No. 1765-025**)

Okadaic Acid, Sodium Salt (**Cat. No. 1764-025**)

Leupeptin, Hemisulfate (**Cat. No. 1648-25, 50, 100**)

Pepstatin A (**Cat. No. 1732-25, 100**)

Protease Inhibitor Cocktail (**Cat. No. K271-500**)

PMSF (**Cat. No. 1548-5**)

USAGE: **FOR RESEARCH USE ONLY! Not to be used in humans**