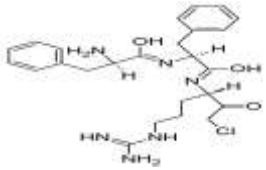
PPACK II, trifluoroacetate

ALTERNATE NAME: D-phenylalanyl-N-[(1S)-4-[(aminoiminomethyl)amino]-1-(chloroacetyl)butyl]-L-phenylalaninamide, *bis*(trifluoroacetate); H-D-Phe-Phe-Arg-Chloromethyl Ketone

CATALOG #: B2151-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: $C_{25}H_{33}ClN_6O_3 \cdot 2CF_3COOH$

MOLECULAR WEIGHT: 729.1

CAS NUMBER: 649748-23-2

APPEARANCE: Lyophilized solid

SOLUBILITY: DMSO (~30 mg/ml)

PURITY: ≥95% by HPLC

STORAGE: Store at -20 ℃. Protect from moisture

DESCRIPTION: PPACKII is a specific and irreversible inhibitor of glandular and plasma kallikreins. Human tissue kallikreins (hKs) are a class of secreted serine proteases that involved in the release of vasodepressor peptides or kinins from a plasma substrate. Kallikreins have been implicated in many cancer-related processes, such as cell-growth regulation, angiogenesis, invasion and metastasis.

REFERENCES:

Kettner, C., and Shaw, E. (1981*). Methods in Enzymol.* **80(C),** 826-842

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)**
E-64 **(Cat. No. 1739-5, 25)**
EZBlock™ Protease Inhibitor Cocktail EDTA-Free **(Cat. No. K272-1, 5, 1EA)**
EZBlock™ Protease Inhibitor Cocktail II **(Cat. No. K277-1EA)**
EZBlock™ Protease Inhibitor Cocktail III **(Cat. No. K278-1EA)**
EZBlock™ Protease Inhibitor Cocktail IV **(Cat. No. K279-1, 1EA)**
EZBlock™ Universal Protease and Phosphatase Inhibitor Cocktail **(Cat. No. K283-1, 1EA)**
GGACK Dihydrochloride **(Cat. No. 1847-5)**
Leupeptin, Hemisulfate **(Cat. No. 1648-25, 50, 100)**
Nafamostat Mesylate **(Cat. No. 1760-10, 50)**
PMSF **(Cat. No. 1548-5)**
PPACK diHCl **(Cat. No. 1848-5)**
PPACK II, trifluoroacetate **(Cat. No. B2151-5,25)**
Pepstatin A **(Cat. No. 1732-25, 100)**
Protease Inhibitor Cocktail **(Cat. No. K271-500)**

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

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