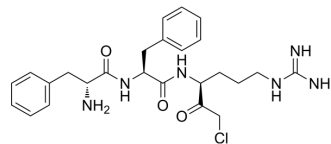


PPACK II

Cat. No.:	HY-122543A
CAS No.:	74392-49-7
Molecular Formula:	C ₂₅ H ₃₃ ClN ₆ O ₃
Molecular Weight:	501.02
Target:	Ser/Thr Protease
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PPACK II is an irreversible and specific glandular and plasma kallikreins inhibitor ^[1] .
In Vitro	PPACK II (0.62-50 µg/mL) significantly inhibits B-type natriuretic peptide (BNP) proteolysis ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Kentaro Takayama, et al. Identification of a degrading enzyme in human serum that hydrolyzes a C-terminal core sequence of neuromedin U. *Biopolymers*. 2016 Nov 4;106(4):440-5.

[2]. Alexander Belenky, et al. The effect of class-specific protease inhibitors on the stabilization of B-type natriuretic peptide in human plasma. *Clin Chim Acta*. 2004 Feb;340(1-2):163-72.

Caution: Product has not been fully validated for medical applications. For research use only.

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