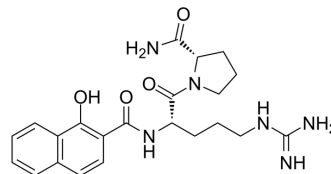


APC 366

Cat. No.:	HY-105999
CAS No.:	158921-85-8
Molecular Formula:	C ₂₂ H ₂₈ N ₆ O ₄
Molecular Weight:	440.5
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

APC 366 is a selective inhibitor of mast cell tryptase ($K_i=7.1 \mu\text{M}$). APC 366 inhibits antigen-induced early asthmatic response (EAR), late asthmatic response (LAR), and bronchial hyperresponsiveness (BHR) in a sheep model of allergic asthma^{[1][2]}.

REFERENCES

- [1]. Barrios VE, et al. Tryptase mediates hyperresponsiveness in isolated guinea pig bronchi. *Life Sci.* 1998;63(26):2295-2303.
- [2]. Krishna MT, et al. Inhibition of mast cell tryptase by inhaled APC 366 attenuates allergen-induced late-phase airway obstruction in asthma. *J Allergy Clin Immunol.* 2001;107(6):1039-1045.

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

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