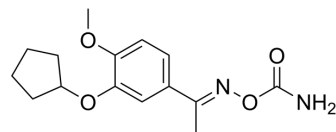


Filaminast

Cat. No.:	HY-106908
CAS No.:	141184-34-1
Molecular Formula:	C ₁₅ H ₂₀ N ₂ O ₄
Molecular Weight:	292.33
Target:	Phosphodiesterase (PDE)
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

WAY-PDA 641 is a potent and preferential PDE-IV inhibitor, with an IC₅₀ of 0.42 μM for canine trachealis PDE-IV. WAY-PDA 641 induces respiratory muscle relaxation and bronchodilation^[1].

REFERENCES

[1]. Heaslip RJ, et al. Phosphodiesterase-IV inhibition, respiratory muscle relaxation and bronchodilation by WAY-PDA-641. *J Pharmacol Exp Ther.* 1994 Feb;268(2):888-96.

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

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