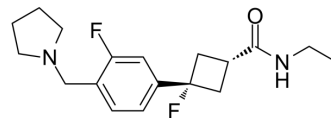


PF-03654746

Cat. No.:	HY-11045
CAS No.:	935840-31-6
Molecular Formula:	C ₁₈ H ₂₄ F ₂ N ₂ O
Molecular Weight:	322.39
Target:	Histamine Receptor
Pathway:	GPCR/G Protein; Immunology/Inflammation; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

PF-03654746 is a potent and selective histamine H₃ receptor antagonist with high brain penetration. PF-03654746 reduces allergen-induced nasal symptoms, might be a novel therapeutic strategy to further explore allergic rhinitis^[1]. PF-03654746 improves cognitive efficacy and disease-modifying effects in Alzheimer's disease (AD)^[2].

REFERENCES

- [1]. Stokes JR, et al. The effects of an H₃ receptor antagonist (PF-03654746) with fexofenadine on reducing allergic rhinitis symptoms. *J Allergy Clin Immunol.* 2012 Feb;129(2):409-12, 412.e1-2.
- [2]. Brioni JD, et al. Discovery of histamine H₃ antagonists for the treatment of cognitive disorders and Alzheimer's disease. *J Pharmacol Exp Ther.* 2011 Jan;336(1):38-46.

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

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