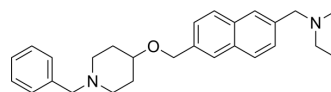


ADS031

Cat. No.:	HY-161333
Molecular Formula:	C ₂₈ H ₃₆ N ₂ O
Molecular Weight:	416.6
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	ADS031, a histamine H3R antagonist, displays 12.5 nM affinity at the hH3R and the highest inhibitory activity against AChE (IC ₅₀ = 1.537 μM) ^[1] .
IC ₅₀ & Target	IC ₅₀ : 1.537 μM (AChE) ^[1] .

REFERENCES

[1]. Beata Michalska, et al. 4-Oxypiperidine Ethers as Multiple Targeting Ligands at Histamine H3 Receptors and Cholinesterases. ACS Chem Neurosci. 2024 Mar 5.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA