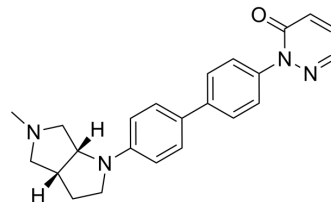


ABT-288

Cat. No.:	HY-19881
CAS No.:	948845-91-8
Molecular Formula:	C ₂₃ H ₂₄ N ₄ O
Molecular Weight:	372.46
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	ABT-288 is a competitive, potent and selective histamine H ₃ receptor (H ₃ R) antagonist. ABT-288 has K _i values of 1.9 and 8.2 nM for human and rat H ₃ Rs, respectively. ABT-288 can be used in cognitive impairment research. ^[1]	
IC₅₀ & Target	human H ₃ receptor 1.9 nM (K _i)	rat H ₃ receptor 8.2 nM (K _i)

REFERENCES

[1]. Esbenshade TA, et al. Pharmacological properties and procognitive effects of ABT-288, a potent and selective histamine H₃ receptor antagonist. J Pharmacol Exp Ther. 2012 Oct;343(1):233-45.

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

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