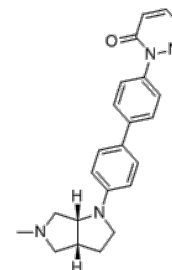


Product Name : ABT-288
Cat. No. : PC-63032
CAS No. : 948845-91-8
Molecular Formula : C₂₃H₂₄N₄O
Molecular Weight : 372.472
Target : Histamine Receptor
Solubility : 10 mM in DMSO



Biological Activity

ABT-288 is a potent, selective and competitive antagonist of **H3 receptor** with K_i of 1.9/8.2 nM for human/rat H3 respectively.

ABT-288 enhances the release of acetylcholine and dopamine in rat prefrontal cortex.

ABT-288 possesses excellent pharmacokinetics and oral bioavailability.

References

Esbenshade TA, et al. *J Pharmacol Exp Ther.* 2012 Oct;343(1):233-45.

Hudzik TJ, et al. *Psychopharmacology (Berl).* 2013 Jul;228(2):187-97.

Othman AA, et al. *Br J Clin Pharmacol.* 2014 Jun;77(6):965-74.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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