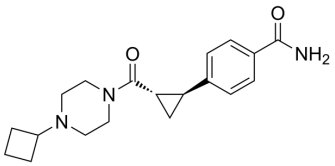
AZD5213

Cat. No.:	HY-129250
CAS No.:	1119807-02-1
Molecular Formula:	$C_{19}H_{25}N_3O_2$
Molecular Weight:	327.42
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	AZD5213 is a selective and competitive human H3 receptor antagonist with a pK_i value of 9.3 for hH3R. AZD5213 can be used for the research of sleep and cognitive regulation[1][2].
In Vivo	AZD5213 (1 mg/kg; i.v., once) rapidly reduces of [^{11}C] 4-(1S,2S)-2-(4-cyclobutylpiperazine-1-carbonyl)-cyclopropyl]-N-methyl-benzamide binding in all brain regions of mice[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Schou M, et al. Discovery and Preclinical Validation of [(11)C]AZ13153556, a Novel Probe for the Histamine Type 3 Receptor. ACS Chem Neurosci. 2016 Feb 17;7(2):177-84.

[2]. Nikolic K, et al. Procognitive properties of drugs with single and multitargeting H3 receptor antagonist activities. CNS Neurosci Ther. 2014 Jul;20(7):613-23.

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