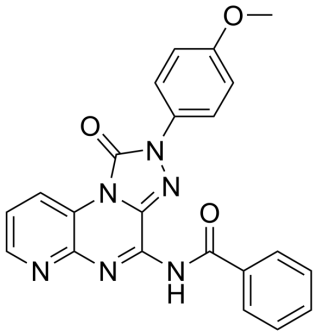
A3AR antagonist 2

Cat. No.:	HY-12099
CAS No.:	1144161-05-6
Molecular Formula:	$C_{22}H_{16}N_6O_3$
Molecular Weight:	412.4
Target:	Adenosine Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	A3AR antagonist 2 (compound 18) is a potent Human A3 adenosine receptor antagonist with an K_i value of 4.54 nM[1].
IC_{50} & Target	hA_3 4.54 nM (Ki)

REFERENCES

[1]. Vittoria Colotta, et al. Pyrido[2,3-e]-1,2,4-triazolo[4,3-a]pyrazin-1-one as a New Scaffold To Develop Potent and Selective Human A3 Adenosine Receptor Antagonists. Synthesis, Pharmacological Evaluation, and Ligand−Receptor Modeling Studies. J. Med. Chem. 2009, 52, 8, 2407-2419.

[2]. Pyrido[2,3-e]-1,2,4-triazolo[4,3-a]pyrazin-1-one as a New Scaffold To Develop Potent and Selective Human A3 Adenosine Receptor Antagonists. Synthesis, Pharmacological Evaluation, and Ligand?Receptor Modeling StudiesJ. Med. Chem., 2009, 52 (8), pp 2407-2419

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