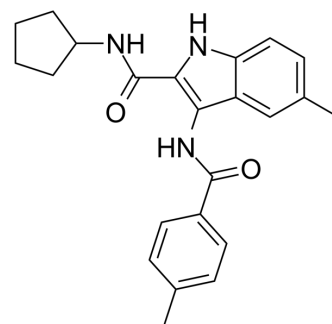


A1AR antagonist 4

Cat. No.:	HY-147543
CAS No.:	1031993-35-7
Molecular Formula:	C ₂₃ H ₂₅ N ₃ O ₂
Molecular Weight:	375.46
Target:	Adenosine Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	A1AR antagonist 4 (compound 22) is a potent and selective A1AR (A1 adenosine receptor) antagonist, with a pIC ₅₀ of 5.51 and a pK _i of 6.29 ^[1] .	
IC ₅₀ & Target	hA ₁ AR 6.29 (pKi)	hA _{2A} AR <4 (pKi)

REFERENCES

[1]. Wei Y, et al. Identification of new potent A1 adenosine receptor antagonists using a multistage virtual screening approach. Eur J Med Chem. 2020 Feb 1;187:111936.

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

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