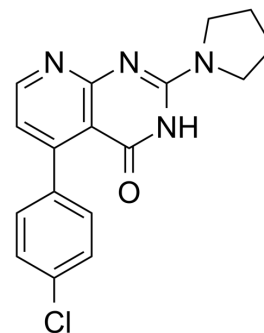


## A1AR antagonist 5

<b>Cat. No.:</b>	HY-147544
<b>CAS No.:</b>	1030509-01-3
<b>Molecular Formula:</b>	C <sub>17</sub> H <sub>15</sub> ClN <sub>4</sub> O
<b>Molecular Weight:</b>	326.78
<b>Target:</b>	Adenosine Receptor
<b>Pathway:</b>	GPCR/G Protein
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	A1AR antagonist 5 (compound 20) is a potent and selective A1AR (A1 adenosine receptor) antagonist, with a pIC <sub>50</sub> of 5.83 and a pK <sub>i</sub> of 6.11 <sup>[1]</sup> .	
<b>IC<sub>50</sub> &amp; Target</b>	hA <sub>1</sub> AR 6.11 (pKi)	hA <sub>2A</sub> 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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