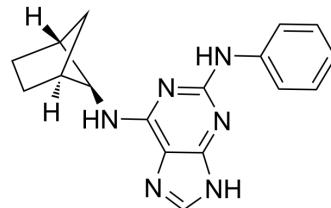


A3AR antagonist 3

Cat. No.:	HY-120652
CAS No.:	863202-33-9
Molecular Formula:	C ₁₇ H ₁₈ N ₆
Molecular Weight:	306.37
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 3 (compound 21) is a selective A3 adenosine receptor (A3AR) antagonist with a K _i of 37 nM. A3AR antagonist 3 shows >60-fold selectivity in comparison to A1 and A2A adenosine receptors ^[1] .		
IC₅₀ & Target	hA ₃ 37 nM (K _i)	hA ₁ AR 2.22 μM (K _i)	hA _{2A} AR 7.73 μM (K _i)

REFERENCES

[1]. Melissa Perreira, et al. "Reversine" and its 2-substituted adenine derivatives as potent and selective A3 adenosine receptor antagonists. J Med Chem. 2005 Jul 28;48(15):4910-8.

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

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