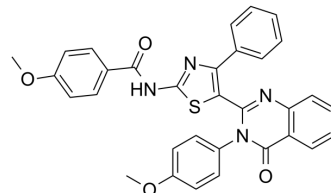


A3AR antagonist 1

Cat. No.:	HY-146457
CAS No.:	2413257-74-4
Molecular Formula:	C ₃₂ H ₂₄ N ₄ O ₄ S
Molecular Weight:	560.62
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 1 (compound 17) is a potent and selective human A ₃ adenosine receptor (AR) antagonist, with an K _i of 4.63 nM. A3AR antagonist 1 shows no affinity for the rat A ₃ AR even at high concentrations ^[1] .
IC ₅₀ & Target	hA ₃ 4.63 nM (K _i)

REFERENCES

[1]. Abdelrahman A, et, al. Substituted 4-phenylthiazoles: Development of potent and selective A₁, A₃ and dual A₁/A₃ adenosine receptor antagonists. Eur J Med Chem. 2020 Jan 15;186:111879.

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

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