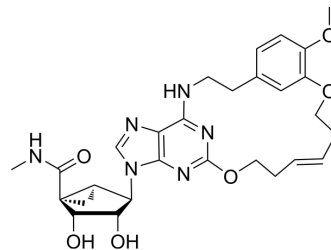


A3AR agonist 1

Cat. No.:	HY-155183
Molecular Formula:	C ₂₈ H ₃₄ N ₆ O ₆
Molecular Weight:	550.61
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 agonist 1 (Compound 12) is an A3AR agonist (K_i: 25.8 nM). A3AR agonist 1 stimulates β-arrestin2 recruitment, with an EC₅₀ value of 5.17 nM. A3AR agonist 1 can be used for research of inflammatory diseases, ischemia, cancer, neuropathic pain, liver diseases, etc^[1].

REFERENCES

[1]. Dilip K. Tosh, et al. First Potent Macrocyclic A3 Adenosine Receptor Agonists Reveal G-Protein and β-Arrestin2 Signaling Preferences. ACS Pharmacol. Transl. Sci. 2023, 6, 9, 1288-1305.

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

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