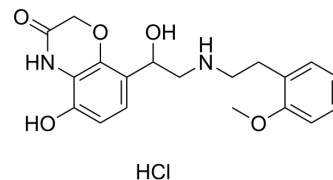


β2AR agonist 4

Cat. No.:	HY-157796
Molecular Formula:	C ₁₉ H ₂₃ ClN ₂ O ₅
Molecular Weight:	394.85
Target:	Adrenergic Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

β2AR agonist 4 (compound A19) is a potent and selective β2-Adrenoceptor agonist with an EC₅₀ of 3.7 pM. β2AR agonist 4 suppresses the inflammatory cytokines and leukocytes upregulation and improves lung function in COPD rat model^[1].

REFERENCES

[1]. Xing G, et al. Discovery and Identification of Novel 5-Hydroxy-4 H-benzo [1, 4] oxazin-3-one Derivatives as Potent β2-Adrenoceptor Agonists through Structure-Based Design, Synthesis, and Biological Evaluation[J]. Journal of Medicinal Chemistry, 2024.

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

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