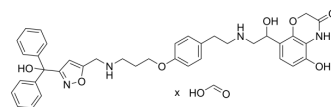


β2AR/M3-receptor agonist-1

Cat. No.:	HY-148526
CAS No.:	1206887-00-4
Molecular Formula:	C ₃₈ H ₄₀ N ₄ O ₇ ·xCH ₂ O ₂
Target:	Adrenergic Receptor; mAChR
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	β2AR/M3-receptor agonist-1 (example 9) is a potent β2AR and M3 receptor agonist. β2AR/M3-receptor agonist-1 shows M3 receptor affinity with a pIC ₅₀ value of 9.3. β2AR/M3-receptor agonist-1 has the potential for the research of respiratory tract disorders ^[1] .	
IC ₅₀ & Target	β2 adrenoceptor >9.2 (pEC ₅₀)	M3 9.3 (pIC ₅₀)

REFERENCES

[1]. Jonathan Mark Sutton, et al. Nitrogen containing heterocyclic compounds useful as bifunctional modulators of m3 receptors and beta-2 receptors. WO2010015792A1.

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

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