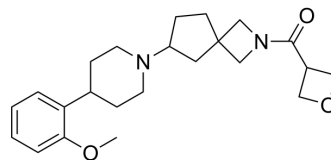


M1/M2/M4 muscarinic agonist 2

Cat. No.:	HY-149731
Molecular Formula:	C ₂₃ H ₃₂ N ₂ O ₃
Molecular Weight:	384.51
Target:	mAChR
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	M1/M2/M4 muscarinic agonist 2 (compound 43) is a muscarinic mAChR M1/M2/M4 agonist with EC ₅₀ s of 30 nM, 200 nM and 6.2 nM, respectively ^[1] .
IC ₅₀ & Target	EC50: 30 nM (M1 muscarinic receptor), 200 nM (M2 muscarinic receptor), 6.2 nM (M4 muscarinic receptor) ^[1]

REFERENCES

[1]. Thomson C G et al. Transaminases Provide Key Chiral Building Blocks for the Synthesis of Selective M1/M4 Agonists[J]. ACS Medicinal Chemistry Letters, 2023.

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

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