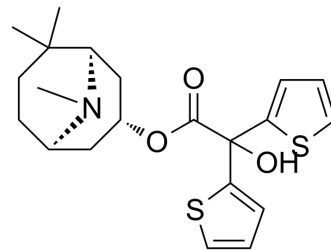


Mazaticol

Cat. No.:	HY-105793
CAS No.:	42024-98-6
Molecular Formula:	C ₂₁ H ₂₇ NO ₃ S ₂
Molecular Weight:	405.57
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

Mazaticol is an anticholinergic agent. Mazaticol blocks the muscarinic acetylcholine receptors and cholinergic nerve activity. Mazaticol is a potent 3H-QNB and 3H-PZ binding inhibitor, can bind to the M2 receptors with high affinity. Mazaticol exhibits inhibitory effects on dopamine uptake in the striatal nerve terminal. Mazaticol can be used for parkinsonian syndrome research^{[1][2]}.

REFERENCES

[1]. Niimi Y, et al. Mazaticol for Treating Parkinson. 2020.

[2]. Katayama S, et al. Effects of anticholinergic antiparkinsonian drugs on binding of muscarinic receptor subtypes in rat brain. Res Commun Chem Pathol Pharmacol. 1990;69(3):261-270.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA