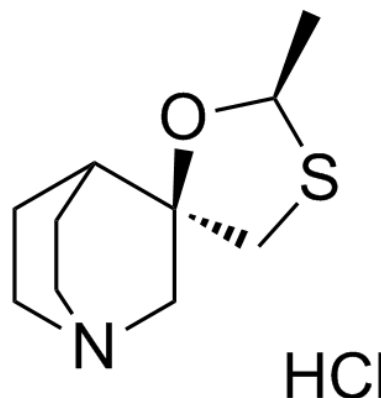


Product Name : Cevimeline hydrochloride
Cat. No. : PC-45939
CAS No. : 107220-28-0
Molecular Formula : C₁₀H₁₈ClNOS
Molecular Weight : 235.774
Target : mAChR
Solubility : 10 mM in DMSO



Biological Activity

Cevimeline hydrochloride is a potent **M1**-selective muscarinic agonist. Cevimeline decreases the K⁺-evoked [³H]ACh release from hippocampal synaptosomes and increases the K⁺-evoked [³H]DA release from striatal synaptosomes. Cevimeline attenuates cognitive dysfunctions in AF64A-treated rats with low toxicity.

References

- Ono S, et al. Eur J Pharmacol. 1988 Oct 11;155(1-2):77-84.
Fisher A, et al. Neurosci Lett. 1989 Jul 31;102(2-3):325-31.
Nakahara N, et al. Jpn J Pharmacol. 1989 Dec;51(4):539-47.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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