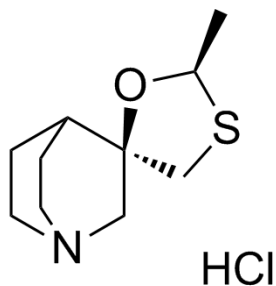


Product Name	: Cevimeline hydrochloride
Synonyms	: AF-102B hydrochloride; SNI-2011 hydrochloride
Cat No.	: M10294
CAS Number	: 107220-28-0
Molecular Formula	: C ₁₀ H ₁₈ ClNOS
Formula Weight	: 235.77
Chemical Name	: Spiro[1-azabicyclo[2.2.2]octane-3,5'-[1,3]oxathiolane], 2'-methyl-, hydrochloride (1:1), (2'R,3R)-rel-
Description	: A potent M1-selective muscarinic agonist; decreases the K ⁺ -evoked [³ H]ACh release from hippocampal synaptosomes and increases the K ⁺ -evoked [³ H]DA release from striatal synaptosomes; attenuates cognitive dysfunctions in AF64A-treated rats with low toxicity.
Pathway	: GPCR/G Protein
Target	: mAChR
Receptor	: mAChR
Solubility	: 10 mM in DMSO
SMILES	: <chem>C[C@@H](SC1O[C@H]21CN3CCC2CC3.[H]Cl</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



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