

Product Name : Cevimeline

Synonyms : AF-102B;FKS-508

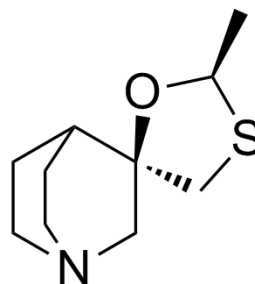
Cat No. : M10295

CAS Number : 107233-08-9

Molecular Formula : C₁₀H₁₇NOS

Formula Weight : 199.31

Chemical Name : Spiro[1-azabicyclo[2.2.2]octane-3,5'-[1,3]oxathiolane], 2'-methyl-, (2'R,3R)-rel-



Description : A potent M1-selective muscarinic agonist; decreases the K⁺-evoked [³H]ACh release from hippocampal synaptosomes and increases the K⁺-evoked [³H]DA release from striatal synaptosomes; attenuates cognitive dysfunctions in AF64A-treated rats with low toxicity. Other Indication Approved

Pathway : GPCR/G Protein

Target : mAChR

Receptor : mAChR

Solubility : 10 mM in DMSO

SMILES : C[C@H]1O[C@]2(CS1)CN3CCCC2CC3

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.