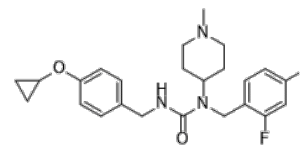


Product Name : Remlifanserin
Cat. No. : PC-25028
CAS No. : 2289704-13-6
Molecular Formula : C₂₄H₂₉F₂N₃O₂
Molecular Weight : 429.51
Target : 5-HT Receptor
Solubility : 10 mM in DMSO



CAS: 2289704-13-6

Biological Activity

Remlifanserin (ACP-204, ACP204) is a potent, selective **5-HT_{2A}** serotonin receptor inverse agonist with K_i of 0.14 nM, acts as an antagonist/inverse agonist and has potencies of 0.3-0.5 nM.

ACP-204 did not have any appreciable functional activity (off-target effects) against 19 other monoamine targets at 5 uM.

ACP-204 reduced the potential to impact ion channels important in cardiovascular function compared with pimavanserin.

ACP-204 potently suppressed DOI-induced head twitches in mice and rats with minimum effective SC doses of 0.1 and 0.3 mg/kg, respectively.

ACP-204 achieved nearly complete suppression in mice and rats at SC doses of 0.3 and 1 mg/kg, respectively, and at an oral dose of 3 mg/kg in rats.

ACP-204 suppressed MK-801-induced locomotor activity in mice with a minimum effective dose of 0.1 mg/kg.

References

Patent WO2019040107 A1.

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

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