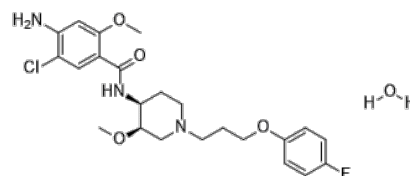


Product Name : Cisapride monohydrate
Cat. No. : PC-28212
CAS No. : 260779-88-2
Molecular Formula : C₂₃H₃₁ClFN₃O₅
Molecular Weight : 483.97
Target : 5-HT Receptor
Solubility : 10 mM in DMSO



Biological Activity

Cisapride monohydrate (R 51619) is a potent, selective and orally active 5-HT₄ receptor agonist with EC₅₀ of 140 nM, is also an hERG potassium channel blocker with IC₅₀ of 9.4 nM, inhibits voltage-dependent K(+) (K_v) channels using freshly isolated smooth muscle cells.

References

- Kim HW, et al. Biochem Biophys Res Commun. 2016 Sep 23;478(3):1423-8.
 Walker BD, et al. Br J Pharmacol. 1999 Sep;128(2):444-50.
 Ueki S, et al. J Pharmacol Exp Ther. 1993 Jan;264(1):152-7.

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

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