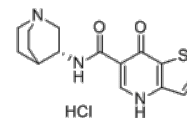


Product Name : MKC-733
Cat. No. : PC-61221
CAS No. : 194093-42-0
Molecular Formula : C₁₅H₁₈ClN₃O₂S
Molecular Weight : 39.838
Target : 5-HT Receptor
Solubility : 10 mM in DMSO



Biological Activity

MKC-733 (Pumosestrag, DDP 733) is a potent, selective, orally active **5-HT₃** receptor agonist with high affinity for canine intestinal smooth muscle 5-HT₃ receptors.

MKC-733 dose dependently stimulates contraction and basal electrolyte secretion in the isolated guinea pig colon, effects that are antagonized by the selective 5-HT₃ antagonist ondansetron,.

MKC-733 also accelerates gastric emptying in some animal models.

References

Coleman NS, et al. Aliment Pharmacol Ther. 2003 Nov 15;18(10):1039-48.

Fujita T, et al.

Chetty N, et al. Pharmacology. 2008;81(2):104-9.

Choung RS, et al. Neurogastroenterol Motil. 2014 Jan;26(1):13-20.

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

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