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The 5-HT<sub>4</sub> receptor agonist prucalopride does not facilitate cholinergic neurotransmission in circular and longitudinal smooth muscle preparations of equine mid-jejunum

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**HIGHLIGHTS**

Prucalopride does not enhance cholinergic neurotransmission in equine jejunum.

This points to the absence of functional 5-HT<sub>4</sub> receptors in equine jejunum..

Administering human prokinetics for equine intestinal hypomotility will not lead to increased motility in the jejunum.

**The 5-HT<sub>4</sub> receptor agonist prucalopride does not facilitate cholinergic neurotransmission in circular and longitudinal smooth muscle preparations of equine mid-jejunum.**

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