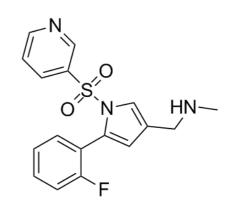


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Data Sheet

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Biological Activity

A novel potent, oral potassium-competitive acid blocker (P-CAB) that potently inhibits H+,K+-ATPase with IC50 of 19 nM; completely inhibits basal and 2-deoxy-d-glucose-stimulated gastric acid secretion in rats (4mg/kg, p.o.); increases the pH of gastric perfusate to a higher value, and sustains longer than those of lansoprazole or SCH28080; a clinical candidate for the treatment of gastroesophageal reflux disease (GERD), peptic ulcer, and other acid-related diseases. Ulcer

Phase 3 Clinical

References

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> Caution: Product has not been fully validated for medical applications. Lab Use Only! E-mail: tech@probechem.com