

polymers have the ability to limit the release of drug in simulated gastric and small intestinal conditions while maximizing drug release in the colonic environment indicating its potential for colonic drug delivery. *In vitro* analysis showed that 1:1 ratio of procera gum-ethylcellulose (F3) was the optimum formulation. The data generated as an outcome of this research demonstrates that ethylcellulose-procera gum coated budesonide microspheres reduced the severity of ulcerative colitis in acetic acid-induced colitis in rats.

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