

**ABSTRACT**

Pantoprazole 5-(difluoromethoxy)- 2-[(3,4-dimethoxypyridin-2-yl) methylsulfinyl]-3H-benzimidazole is a proton pump inhibitor belongs to group of benzimidazole. This compound inhibits gastric acid formation and thereby it is very efficient for the treatment of gastric and duodenum ulcers. In aqueous media more acidic than pH 4 it suffers a practically complete decomposition within a period shorter than 10 minutes. Even in solid state it is sensitive to heat, light and especially to substances containing an acidic group. Core tablets of pantoprazole were prepared by wet granulation method which gave desired hardness and friability. Tablet coated with spray coating method showed good results when compared with marketed formulation and according to USP specification.

**Keywords:** Pantoprazole, Enteric coated tablets, Cellulose acetate phthalate, Spray coating.