Web: www.taiclone.com
Tel: +886-2-2735-9682
Email: order@taiclone.com

Famotidine

Catalog No: tcsc2445

Available Sizes

Size: 1g

Size: 5g

Specifications

CAS No:
76824-35-6

Formula:
$C_8H_{15}N_7O_2S_3$

Pathway:
Immunology/Inflammation;GPCR/G Protein

Target:
Histamine Receptor;Histamine Receptor

Purity / Grade:
>98%

Solubility:
H2O :

Alternative Names:
MK-208

Observed Molecular Weight:
337.45

Product Description

Famotidine is a competitive histamine H2-receptor antagonist. Its main pharmacodynamic effect is the inhibition of gastric secretion.

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Target: Histamine H2 Receptor

Famotidine is a histamine H2-receptor antagonist that inhibits stomach acid production, and it is commonly used in the treatment of peptic ulcer disease (PUD) and gastroesophageal reflux disease (GERD/GORD). Famotidine Group(2 mg/kg/day) were significantly lower than the equivalent parameters for the Control Group on both the third and seventh days post-surgery. famotidine exerts detrimental effects on the anastomotic bursting pressure and hydroxyproline content of perianastomotic tissues in the colon of rats [1]. famotidine increased the transgastric potential difference (PD) and promoted the recovery of decreased transgastric PD induced by acidified ethanol in rats. The preventive effect of famotidine on gastric lesions is attributable not only to suppression of acid secretion but to activation of the gastric mucosal defensive mechanisms [2].