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

Lansoprazole (sodium)

Catalog No: tcsc1848

Available Sizes

Size: 1g

Size: 5g

Specifications

CAS No:
226904-00-3

Formula:
$C_{16}H_{13}F_3N_3NaO_2S$

Pathway:
Membrane Transporter/Ion Channel

Target:
Proton Pump

Purity / Grade:
>98%

Solubility:
10 mM in DMSO

Alternative Names:
AG-1749 sodium

Observed Molecular Weight:
391.34

Product Description

Lansoprazole sodium(AG-1749) is a proton pump inhibitor which prevents the stomach from producing acid.

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Target: Proton Pump

Lansoprazole (sodium) is sodium salt form of lansoprazole, lansoprazole, a substituted benzimidizole proton pump inhibitor, on pharmacokinetics and metabolism of theophylline has been studied in healthy adults given oral lansoprazole 30 mg once daily for 11 days. On Days 4 and 11 of 300 mg aminophylline was simultaneously administered orally and blood samples for theophylline analysis were taken over 24 h [1]. Patients in the lansoprazole group were significantly less likely to have a recurrence of ulcer complications than patients in the placebo group (P=0.008). There was no significant difference in mortality between the two groups [2]. lansoprazole (AG-1749) and omeprazole, were found to have significant activities against this organism. The activity of lansoprazole was comparable to that of bismuth citrate, with MICs ranging from 3.13 to 12.5 micrograms/ml, and fourfold more potent than that of omeprazole [3].

Clinical indications: Duodenal ulcer; Esophagitis; Gastroesophageal reflux; Gastrointestinal disease; Helicobacter pylori infection; Peptic ulcer; Stomach ulcer; Ulcer; Zollinger-Ellison syndrome

FDA Approved Date: May 10, 1995

Toxicity: Symptoms of overdose include abdominal pain, nausea and diarrhea.