



Esomeprazole (sodium)

Catalog No: tcsc1025

Available Sizes
Size: 5mg
Size: 10mg
Size: 50mg
Specifications
CAS No: 161796-78-7
Formula: C ₁₇ H ₁₈ N ₃ NaO ₃ S
Pathway: Membrane Transporter/Ion Channel
Target: Proton Pump
Purity / Grade: >98%
Solubility: 10 mM in H2O
Alternative Names: (S)-Omeprazole sodium
Observed Molecular Weight: 367.4

Product Description





Esomeprazole sodium is a proton pump inhibitor which reduces acid secretion through inhibition of the H+ / K+ ATPase in gastric parietal cells.

IC50 value:

Target: proton pump

Esomeprazole sodium (Nexium) is the S-isomer of omeprazole and acts as a proton pump inhibitor and gastric antisecretory agent indicated for the short-term treatment of gastroesophageal reflux disease in patients with a history of erosive esophagitis. Esomeprazole 0.4 and 0.8 mg/mL as the sodium salt in the infusion solutions tested is chemically and physically stable for at least 2 days at room temperature and 5 days under refrigeration.

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!