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Rabeprazole Sodium

National Cancer Institute

Source

National Cancer Institute. *Rabeprazole Sodium*. NCI Thesaurus. Code C80692.

The sodium salt of the prodrug rabeprazole, a substituted benzimidazole proton pump inhibitor, with potential anti-ulcer activity. After protonation, accumulation, and transformation to the active sulfenamide within the acidic environment of gastric parietal cells, rabeprazole selectively and irreversibly binds to and inhibits the H⁺, K⁺ATPase (hydrogen-potassium adenosine triphosphatase) enzyme system located on the parietal cell secretory surface, inhibiting gastric acid secretion.