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Soraprazan

National Cancer Institute

Source

National Cancer Institute. *Soraprazan*. NCI Thesaurus. Code C87388.

A potent and reversible inhibitor of the gastric H⁺/K⁺ ATPase proton pump with potassium-competitive acid blocking (P-CAB) activity. Soraprazan binds very specifically, competitively and reversibly to the potassium binding site of the proton pump hydrogen-potassium adenosine triphosphatase (H⁺/K⁺ ATPase), thereby inhibiting the pump's activity and the parietal cell secretion of H⁺ ions into the gastric lumen, the final step in gastric acid production.