Creative Enzymes®

Native Porcine Pancreozymin

Cat. No. NATE-0113

Lot. No. (See product label)

Introduction

Description Cholecystokinin is a peptide hormone of the gastrointestinal system responsible for stimulating the digestion of fat and protein. Cholecystokinin, previously called pancreozymin, is synthesized by I-cells in the mucosal epithelium of the small intestine and secreted in the duodenum, the first segment of the small intestine, and causes the release of digestive enzymes and bile from the pancreas and gallbladder, respectively. It also acts as a hunger suppressant. Recent evidence has suggested that it also plays a major role in inducing drug tolerance to opioids like morphine and heroin, and is partly implicated in experiences of pain hypersensitivity during opioid withdrawal.

Applications Cholecystokinin (CCK) is a peptide hormone of the gastrointestinal system responsible for stimulating the digestion of fat and protein. It is used to study brain, kidney and pancreatic functioning as well as reproductive behavior and glucose tolerance.

Synonyms Cholecystokinin, CCK, CCK-PZ; 9011-97-6; Pancreozymin

Product Information

Species Porcine

Source Porcine intestine

CAS No. 9011-97-6

Activity 2-6 Crick units/mg solid

Storage and Shipping Information

Storage 2-8°C