Creative Enzymes®

Native Swine or Bovine Trypsin-Chymotrypsin 6: 1

Cat. No. PHAM-380

Lot. No. (See product label)

Introduction

Description	Trypsin-Chymotrypsin is the co-crystal of Chymotrypsin and Trypsin so it has the properties of both. The activity of hydrolyzing casein is as much as Chymotrypsin. But the activity of its Chemotrypsin to hydrolyze N-Benzoyl-L-tyrosine ethyl ester（BTEE）is three times higher than Chemotrypsin.The activity of hydrolyze ester bond similar to that of Trypsin. It is stable when dry and easy to be inactivated in solutions. The optimum pH is 7.0-8.0. The high purity Trypsin-Chymotrypsin is purified by re-crystallization, and then by Ion Exchange Chromatography and ultra-filtration.
Applications	1. In the Clinical, the treatment of various inflammatory, inflammatory edema, hematoma, postoperative adhesion, ulcer, thrombus and so on and have a certain effect to chronic bronchitis asthma, gastritis, cervicitis, pelvic inflammatory disease, suppurative otitis media, prostatitis, thrombophlebitis and cerebral thrombosis. 2. Application in modern industrial fields, such as senior leather depilation, softener.
Synonyms	Trypsin-Chymotrypsin 6: 1

Product Information

Species	Swine or Bovine
Source	Swine or Bovine pancreas
Appearance	White or almost white powder
Form	Powder
Activity	Trypsin > 2400 USP units/mg, powder; Chymotrypsin > 400 USP units/mg, powder.

Storage and Shipping Information

Storage	Sealed, Dark, at temperature 2-8°C