Creative Enzymes®

Native Swine or Bovine Trypsin-Chymotrypsin 1: 1

Cat. No. PHAM-378

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. As pharmaceutical raw materials for antibacterial, anti-inflammatory, clinical. 2. As analytical reagents used in scientific research institutions.
Synonyms	Trypsin-Chymotrypsin 1: 1

Product Information

Species	Swine or Bovine
Source	Swine or Bovine pancreas
Appearance	White or almost white powder
Form	Powder
Activity	Trypsin: 1000 ~1100 USP units/mg, powder; Chymotrypsin 1000 ~1100 USPunits/mg, powder.

Storage and Shipping Information

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