

## 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 Chymotrypsin to hydrolyze N-Benzoyl-L-tyrosine ethyl ester (BTEE) is three times higher than Chymotrypsin. 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