

## 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 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. 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 USP units/mg, powder.

### Storage and Shipping Information

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