

Trypsin-Chymotrypsin

As the name implies, trypsin-chymotrypsin is the co-crystal of chymotrypsin and trypsin. It has the properties of both. The activity of trypsin-chymotrypsin is as much as chymotrypsin in casein hydrolysis. But the activity of trypsin-chymotrypsin to hydrolyze N-Benzoyl-L-tyrosine ethyl ester (BTEE) is three times higher than chymotrypsin. The activity of trypsin-chymotrypsin is similar to that of trypsin in ester bond hydrolysis.

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Product List

Catalog	Product Name	Source	Activity	Appearance
PHAM-380	Native Swine or Bovine Trypsin-Chymotrypsin 6: 1	Swine or Bovine pancreas	Trypsin > 2400 USP units/mg; Chymotrypsin > 400 USP units/mg	White or almost white powder

Applications: 1) In clinics for treating inflammatory diseases. It has specific effects on chronic bronchitis asthma, gastritis, cervicitis, pelvic inflammatory disease, suppurative otitis media, prostatitis, thrombophlebitis, and cerebral thrombosis. 2) For modern industrial uses, such as making senior leather depilation and softener.

PHAM-379	Native Swine or Bovine Trypsin-Chymotrypsin 1: 250	Swine or Bovine pancreas	Trypsin > 2400 USP units/mg; Chymotrypsin < 75 USP units/mg	White or almost white powder
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Applications: 1) Widely used by scientific research as a laboratory analysis reagent. 2) For tissue processing during cell culture.

PHAM-378	Native Swine or Bovine Trypsin-Chymotrypsin 1: 1	Swine or Bovine pancreas	Trypsin: 1000 ~1100 USP units/mg; Chymotrypsin 1000 ~1100 USP units/mg	White or almost white powder
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Applications: 1) For clinical use as pharmaceutical raw materials for antibacterial and anti-inflammatory purposes. 2) Used in scientific research as analytical reagents.

NATE-0719	Native Bovine Trypsin & Chymotrypsin Mixtures	Bovine pancreas	>1000 :1000 NF U/mg	White or almost white powder
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Applications: In combination with chymotrypsinogen and ribonuclease, it is used to formulate anti-inflammatory tablets or treat wounds (internal and external). Mixtures of trypsin and chymotrypsin in different ratios are frequently used in digestive aids and food.

Creative Enzymes also provides [Trypsin](#) and [Chymotrypsin](#) for research or industry uses. Please [contact us](#) for any inquiries.

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