Creative Enzymes®

tPA and Broad Spectrum Chromogenic Substrate

Cat. No. CSUB-0626

Lot. No. (See product label)

Introduction

Description	Chromogenic substrates are peptides that react with proteolytic enzymes under the formation of color. They are made synthetically and are designed to possess a selectivity similar to that of the natural substrate for the enzyme. Attached to the peptide part of the chromogenic substrate is a chemical group which when released after the enzyme cleavage gives rise to color. The color change can be followed spectrophotometrically and is proportional to the proteolytic activity.
Applications	Chromogenic substrate for tPA and broad spectrum of serine esterases, including thrombin and plasmin.
Synonyms	Chromogenic Substrate for tPA and Broad Spectrum; Chromogenic Substrate; Chromogenic Substrate for tPA; tPA Chromogenic Substrate

Product Information

Form	Lyophizied powder
Molecular Weight	504.6 Da
Purity	> 95%
Concentration	about 49.5 μMoles/vial
Solubility	>= 5 mg/mL in H2O
Substrates	Kallicrein

Storage and Shipping Information

Storage	2-8°C
Stability	Lyophilized product: 30 months at 2-8°C. Reconstituted product: 7 days at room temperature (18-25°C); 3 months at 2-8 °C. Do not freeze