

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

Lyophilized powder

Molecular Weight

504.6 Da

Purity

> 95%

Concentration

about 49.5 μ Moles/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