

## 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  $\mu$ Moles/vial

**Solubility**  $\geq$  5 mg/mL in H<sub>2</sub>O

**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