

Activated Protein C Chromogenic Substrate

Cat. No. CSUB-0625

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 For research applications. Chromogenic substrate for Activated Protein C.

Synonyms Chromogenic Substrate for Activated Protein C; Chromogenic Substrate

Product Information

Form Lyophilized powder

Molecular Formula C₂₂H₃₀N₆O₆, HCl

Molecular Weight 502.5 Da

Purity > 95%

Concentration about 50 μMoles/vial

Solubility ≥ 5 mg/mL in H₂O

Substrates tPA

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