Creative Enzymes®

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	Lyophizied 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