

Kallicrein Chromogenic Substrate

Cat. No. CSUB-0627

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 Kallikrein.

Synonyms Chromogenic Substrate for Kallicrein; Chromogenic Substrate

Product Information

Form Lyophilized powder

Molecular Formula C₂₆H₃₄N₈O₅, 2HCl

Molecular Weight 538.6 Da

Purity > 95%

Concentration about 46 μMoles/vial

Solubility ≥ 5 mg/mL in H₂O

Substrates Plasmin; Plasminogen-SK

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