Creative Enzymes®

Thrombin Chromogenic substrate 2

Cat. No. CSUB-0623

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 Thrombin.
Synonyms	Chromogenic substrate for Thrombin; Chromogenic substrate; Thrombin Chromogenic substrate

Product Information

Form	Lyophizied powder
Molecular Formula	C26H34N8O5, AcOH
Molecular Weight	662.6 Da
Purity	> 95%
Concentration	about 37.75 μMoles/vial
Solubility	>= 5 mg/mL in H2O
Substrates	Urokinase

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