

Factor Xa Chromogenic Substrate 2

Cat. No. CSUB-0619

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 Factor Xa.

Synonyms

Chromogenic Substrate for Factor Xa; Chromogenic Substrate; Factor Xa Chromogenic Substrate

Product Information

Form	Lyophilized powder
Molecular Formula	C ₃₄ H ₅₂ N ₁₀ O ₁₀ , HCl
Molecular Weight	760.9 Da
Purity	> 95%
Concentration	about 33 µMoles/vial
Solubility	>= 5 mg/mL in H ₂ O
Substrates	Factor Xa

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