

Factor Xa Chromogenic Substrate 1

Cat. No. CSUB-0618

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. May be used for development of anti-XA chromogenic assays.

Synonyms Chromogenic Substrate for Factor Xa; Chromogenic Substrate R1; Chromogenic Substrate; Factor Xa Chromogenic Substrate

Product Information

Form	Lyophilized powder
CAS No.	115388-96-0
Molecular Formula	C ₂₈ H ₃₉ N ₁₁ O ₇ , 2HCl
Molecular Weight	641.7 Da (basic structure); 714.7 Da* (*2HCl included)
Purity	> 95%
Concentration	about 39 µMoles/vial
Solubility	>= 5 mg/mL in H ₂ O or Tris buffer
Substrates	Factor Xa

Storage and Shipping Information

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