Creative Enzymes®

Factor IXa Chromogenic Substrate

Cat. No. CSUB-0621

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 IXa.
Synonyms	Chromogenic Substrate for Factor IXa; Chromogenic Substrate

Product Information

Form	Lyophizied powder
Molecular Formula	C23H36N8O7S, AcOH
Molecular Weight	628.7 Da
Purity	> 95%
Concentration	about 40 µMoles/vial
Solubility	>= 5 mg/mL in H2O
Substrates	Thrombin

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