

## 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

Lyophilized powder

#### Molecular Formula

C<sub>26</sub>H<sub>34</sub>N<sub>8</sub>O<sub>5</sub>, AcOH

#### Molecular Weight

662.6 Da

#### Purity

> 95%

#### Concentration

about 37.75 µMoles/vial

#### Solubility

≥ 5 mg/mL in H<sub>2</sub>O

#### 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