



OXFORD BIOMEDICAL RESEARCH

## Product Specification Sheet

Plasmin Chromogenic Substrate

Product Number: VA13

Aliquot: 25 mg

Lot Number: va13.1005

Storage: 4°C

**DESCRIPTION:** This plasmin substrate is chemically and functionally identical to Chromogenix S-2251. Each 25 mg of substrate is lyophilized with 60 mg mannitol as a bulking agent.

Formula: H-D-Val-Leu-Lys-pNA . 2HCl

**MOLECULAR WEIGHT:** 555.1

**SUGGESTED STOCK CONCENTRATION:** 10 mmol/L in H<sub>2</sub>O

**SUGGESTED WORKING CONCENTRATION:** 200 μmol/L in 0.1M HEPES; 0.1M NaCl; pH 7.4

**STORAGE:** 4°C

**FORM:** Lyophilized powder

**SOURCE:** Chemical

**USE:** The method for the determination of activity is based on the difference in absorbance between the pNA formed and the original substrate. The rate of pNA formation, i.e. the increase in absorbance per second at 405nm, is proportional to the enzymatic activity and is determined with a spectrophotometer.