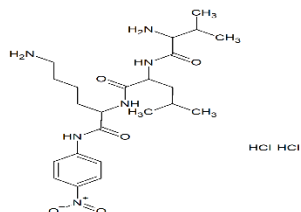


# Plasmin substrate (colorimetric)

**ALTERNATE NAME:** D-Val-Leu-Lys-pNA dihydrochloride  
D-Valyl-L-leucyl-L-lysine 4-nitroanilide dihydrochloride  
D-Val-Leu-Lys 4-nitroanilide dihydrochloride

**CATALOG #:** B2411-5 5 mg  
B2411-25 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>23</sub>H<sub>40</sub>Cl<sub>2</sub>N<sub>6</sub>O<sub>5</sub>

**MOLECULAR WEIGHT:** 551.51

**CAS NUMBER:** 62354-43-2

**APPEARANCE:** White to yellow solid

**PURITY:** ≥98% by HPLC

**SOLUBILITY:** ~50 mg/ml Water

**STORAGE CONDITIONS:** -20°C

**DESCRIPTION:** A chromogenic plasmin substrate. Plasmin cleaves p-nitroanilide (pNA) releasing p-nitroaniline that can be quantified using a spectrophotometer or a microtiter plate reader at ~ 405 nm.

**REFERENCES:** Viera, M., et al. (2010). PLoS One 5(6): e11259.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

Plasmin antibody (6964)  
Plasmin, Human Plasma (4089)  
Plasmin Activity Assay Kit (Fluorometric) (K381)  
Plasmin Inhibitor Screening Kit (Fluorometric) (K382)  
Plasmin Sepharose Beads (7926)

**DISCLAIMER:** *FOR RESEARCH USE ONLY! Not to be used on humans.*