

PENTAPHARM

# Pefachrome<sup>®</sup> Tryp

**Application:** Chromogenic peptide substrate for tryptase and other use.

**Formula:** Tos-Gly-Pro-Lys-pNA·AcOH

**MW:** 634.7

**K<sub>M</sub>:** 0.014 mM

**V<sub>max</sub>:** 35.6 μmol/min

**Storage:** May be used by the expiry date given on the label when stored unopened, protected from moisture, in the dark, 2-8°C. Avoid contamination of the reagents by micro-organisms.  
Shipment of product does not require cooling during the time of transportation.

**Assay:** Suggested protocol for the determination of tryptase:  
According to Ren et al., 1997 and Eriksen and Holm, 1997

**References:** Eriksen J, Holm KA.  
Automated colorimetric determination of *Achromobacter lyticus* protease activity in fermentation samples using Tos-Gly-Pro-Lys-pNA as chromogenic substrate.  
Analyst 1997; 122: 169-172

Ren S, Lawson A.E, Carr M, Baumgarten CM, Schwartz LB.  
Human tryptase fibrinogenolysis is optimal at acidic pH and generates anticoagulant fragments in presence of the anti-tryptase monoclonal antibody.  
J. Immunol. 1997; 3540-3548

**Package size:** Vial containing 25 mg  
Bulk [g]

**Code:** 090-35

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