

Pefachrome[®] Tryp

Application: Chromogenic peptide substrate for tryptase and other use.

Formula: Tos-Gly-Pro-Lys-pNA·AcOH

MW: 634.7

K_M: 0.014 mM

V_{max}: 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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