PENTAPHARM

Pefachrome®Try

Application: Highly sensitive chromogenic peptide substrate for trypsin. Determination of trypsin activity for research, in-process and quality control.

Formula: Bz-Val-Gly-Arg-pNA·AcOH

Principle: Bz-Val-Gly-Arg-pNA + trypsin ==> Bz-Val-Gly-Arg-OH + pNA + trypsin

MW: 614.7

K_M: 0.181 mM **v_{max}:** 43.3 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.

Material required but not provided:

Buffer, reference material

Buffer: 50 mM Tris-imidazole buffer pH 7.9, 150 mM NaCl

Assay: Suggested protocol for the determination of trypsin activity:

1.790 ml buffer 0.010 ml Trypsin (Merck, 0.1 mg/ml in 0.001 N HCl, 20 mM $CaCl_2$) 0.200 mlPefachrome®Try (4 mM in water) => Determination of ΔOD/min at 405 nm

Package size: Vial containing 10 µmol **Code:** 084-20
Bulk [g] 084-04

FOR RESEARCH USE ONLY. NOT FOR HUMAN USE OR DRUG USE.

®Registered Trademark of Pentapharm Ltd.

Pentapharm Ltd, Engelgasse 109, P.O. Box, CH-4002 Basel / Switzerland

Vertrieb:
LOXO GMBH, Postfach 11 30
DE-69215 Dossenheim
Phone: 06221 868023 Fax: 06221 8680255
E-Mail: info@loxo.de Internet: www.loxo.de