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Product Information

N-p-Tosyl-Gly-Pro-Lys 4-nitroanilide acetate salt

Product Number **T 6140**
Store at Room Temperature

Product Description

Molecular Formula: $C_{26}H_{34}N_6O_7S \cdot C_2H_4O_2$
Molecular Weight: 634.7
CAS Number: 88793-79-7

N-p-Tosyl-Gly-Pro-Lys p-nitroanilide is a chromogenic substrate for coagulation proteases. Several p-nitroanilide (pNA) substrates including this product have been reviewed. Kinetic parameters with bovine thrombin, human thrombin, bovine Factor Xa, human Factor Xa, human plasmin, and urokinase were tabulated.¹

Precautions and Disclaimer

For Laboratory Use Only. Not for drug, household or other uses.

Preparation Instructions

This compound is soluble in ethanol (50 mg/ml). Although it may also be soluble in water, it does not readily dissolve in PBS.

Storage/Stability

This compound is stable for more than a year when it is stored in a frozen solution at pH 4 (water with pH adjusted with HCl).¹

References

1. Lottenberg, R., et al., Assay of Coagulation Proteases Using Peptide Chromogenic and Fluorogenic Substrates. Meth. Enzymol., **80-C**, 341-361 (1981).

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