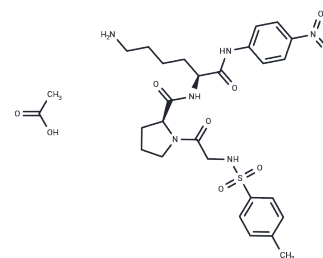


N-p-Tosyl-Gly-Pro-Lys-pNA (acetate)

Chemical Properties

CAS No. :	88793-79-7
Formula:	C ₂₈ H ₃₈ N ₆ O ₉ S
Molecular Weight:	634.71
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	N-p-Tosyl-Gly-Pro-Lys-pNA is a colorimetric substrate for plasmin. 1,2,3 Plasmin binds and hydrolyzes N-p-tosyl-Gly-Pro-Lys-pNA to release p-nitroanilide (pNA), which can be quantified by colorimetric detection at 405 nm as a measure of plasmin activity.
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Solubility Information

Solubility	Ethanol: 50 mg/mL (< 1 mg/mL refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5755 mL	7.8776 mL	15.7552 mL
5 mM	0.3151 mL	1.5755 mL	3.151 mL
10 mM	0.1576 mL	0.7878 mL	1.5755 mL
50 mM	0.0315 mL	0.1576 mL	0.3151 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Jespersen, J., Gram, J., and Astrup, T. The autodigestion of human plasmin follows a bimolecular mode of reaction subject to product inhibition. *Thromb. Res.* 41(3)395-404 (1986)

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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