

PAI-1

## Chemical Properties

CAS No. : 139446-70-1  
Formula: C<sub>27</sub>H<sub>47</sub>N<sub>9</sub>O<sub>9</sub>S  
Molecular Weight: 673.79  
Storage: Keep away from moisture  
Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
Actual storage temperature shall be subject to the COA.

## Biological Description

Description	PAI-1 is a plasminogen activator inhibitor. It belongs to the serine protease (Ser Protease) inhibitor superfamily and exhibits antiprotease activity. PAI-1 is the primary physiological inhibitor of tissue-type (tPA) and urokinase-type (uPA) plasminogen activators (PAs).
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4841 mL	7.4207 mL	14.8414 mL
5 mM	0.2968 mL	1.4841 mL	2.9683 mL
10 mM	0.1484 mL	0.7421 mL	1.4841 mL
50 mM	0.0297 mL	0.1484 mL	0.2968 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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