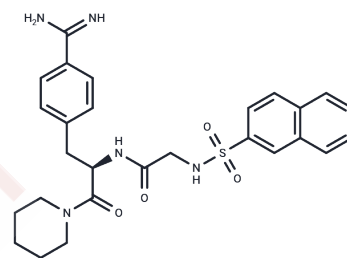


## NAPAP

## Chemical Properties

CAS No. : 137171-40-5  
 Formula: C<sub>27</sub>H<sub>31</sub>N<sub>5</sub>O<sub>4</sub>S  
 Molecular Weight: 521.63  
 Storage: 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	NAPAP is a thrombin inhibitor with potent anticoagulant activity (K <sub>i</sub> : 2.1 nM). It selectively inhibits thrombin through a rapid binding mechanism while exhibiting weaker inhibition of trypsin, Factor Xa, and plasmin. NAPAP can be utilized for research into thrombotic conditions, including venous thrombosis and myocardial infarction.
Targets(IC <sub>50</sub> )	Thrombin

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9171 mL	9.5853 mL	19.1707 mL
5 mM	0.3834 mL	1.9171 mL	3.8341 mL
10 mM	0.1917 mL	0.9585 mL	1.9171 mL
50 mM	0.0383 mL	0.1917 mL	0.3834 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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