

## Nostosin G

## Chemical Properties

CAS No. :

Formula: C<sub>25</sub>H<sub>33</sub>N<sub>5</sub>O<sub>6</sub>

Molecular Weight: 499.56

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	Nostosin G, a linear peptide, comprises three subunits: 4-hydroxyphenyllactic acid (Hpla), homotyrosine (Hty), and argininal. It exhibits a potent trypsin inhibitory effect, demonstrated by an IC <sub>50</sub> value of 0.1 μM [1].
Targets(IC <sub>50</sub> )	Others,Serine Protease

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0018 mL	10.0088 mL	20.0176 mL
5 mM	0.4004 mL	2.0018 mL	4.0035 mL
10 mM	0.2002 mL	1.0009 mL	2.0018 mL
50 mM	0.040 mL	0.2002 mL	0.4004 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.

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