

Nitric Oxide Synthase (599-613) Blocking Peptide, Bovine Endothelial Cell

Chemical Properties

CAS No. :

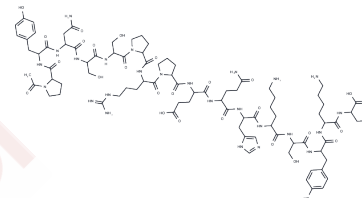
Formula: C85H127N25O27S

Molecular Weight: 1963.13

Keep away from moisture

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	Nitric Oxide Synthase (599-613) Blocking Peptide, Bovine Endothelial Cell (Ac-Pro-Tyr-Asn-Ser-Ser-Pro-Arg-Pro-Glu-Gln-His-Lys-Ser-Tyr-Lys-Cys) is a peptide that inhibits the function of NOSs as a result it blocks the production of NO. Because of the involvement of all the three NOS isozymes in various aspects of signal transduction, NOS inhibitors have gained prominence in the management of ischemic-reperfusion injury, hypotensive effects of drugs, and inflammatory response to cytokines.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: ≥ 196.3 mg/mL, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5094 mL	2.547 mL	5.0939 mL
5 mM	0.1019 mL	0.5094 mL	1.0188 mL
10 mM	0.0509 mL	0.2547 mL	0.5094 mL
50 mM	0.0102 mL	0.0509 mL	0.1019 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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