

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

Chemical Properties

CAS No.:	TP2195
Formula:	C85H127N25O27S
Molecular Weight:	1963.13
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

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.
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Solubility Information

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

	1mg	5mg	10mg
1 mM	0.509 mL	2.547 mL	5.094 mL
5 mM	0.102 mL	0.509 mL	1.019 mL
10 mM	0.051 mL	0.255 mL	0.509 mL
50 mM	0.01 mL	0.051 mL	0.102 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Inhibitors · Natural Compounds · Compound Libraries

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

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