

Product Name: Vasonatrin Peptide (1-27)

Catalog No.: A1106

Batch No.: 1

Description:

VNP is a chimera of atrial natriuretic peptide (ANP) and C-type natriuretic peptide (CNP). Atrial natriuretic peptide (ANP) is a 28-amino acid peptide that contains a 17-amino acid ring structure and is secreted from atrial myocytes. ANP possesses natriuretic and vasoactive actions and is important in the control of cardiorenal homeostasis. ANP mediates its biological actions via a specific ANP receptor (ANPR-A) that is expressed in endothelial cells and in renal epithelial cells. C-type natriuretic peptide (CNP) is a newly identified 22-amino acid peptide that like ANP has a 17-amino acid ring formed by a disulfide bond but is genetically distinct. Unlike ANP, CNP lacks the COOH-terminal amino acid extension from the ring structure. CNP functions biologically via a separate receptor (ANPR-B) that is expressed in vascular smooth muscle cells and in the kidney. While ANP and CNP both decrease cardiac preload and arterial pressure, they may involve different mechanisms.

Technical Data:

Molecular Formula: $C_{124}H_{198}N_{36}O_{36}S_3$

Molecular Weight (MW) : 2865.31

One Letter Sequence: H2N-GLSKGCFGLKLDRIQSMGLGCNSFRY-OH

Three Letter Sequence: H2N-Gly-Leu-Ser-Lys-Gly-Cys-Phe-Gly-Leu-Lys-Leu-Asp-Arg-Ile-Gly-Ser-Met-Ser-Gly-Leu-Gly-Cys-Asn-Ser-Phe-Arg-Tyr-OH

Purity: >98%

Return Policy:

Customer satisfaction is guaranteed with Apexbio's 365 days unconditional return and refund policy. In any case if you are not satisfied with our products, you may return the items within 365 days from the original purchase date, and refund will be processed after the product is returned. Please follow the below instructions when returning the products:

1. Please contact Apexbio at 1-832-696-8203 before shipping. Any items returned to Apexbio should be in the original packaging and in the same condition as originally purchased.
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