

Atrial natriuretic peptide (3-28) (human)

Cat. No.:	HY-P5792
CAS No.:	102686-43-1
Molecular Formula:	C ₁₁₈ H ₁₈₇ N ₄₃ O ₃₆ S ₃
Molecular Weight:	2880.21
Sequence:	Arg-Arg-Ser-Ser-Cys-Phe-Gly-Gly-Arg-Met-Asp-Arg-Ile-Gly-Ala-Gln-Ser-Gly-Leu-Gly-Cys-Asn-Ser-Phe-Arg-Tyr (Disulfide bridge: Cys5-Cys21)
Sequence Shortening:	RRSSCFGGRMDRIGAQSGLGCNSFRY (Disulfide bridge: Cys5-Cys21)
Target:	Endothelin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Atrial natriuretic peptide (3-28) (human) (ANP (3-28) (human)) is a peptide hormone that is synthesized and secreted by the atrial myocardium. Atrial natriuretic peptide (3-28) (human) is involved in the regulation of blood pressure, fluid balance, and electrolyte homeostasis^{[1][2]}.

REFERENCES

[1]. Watanabe TX, et al. Structure-activity relationships of alpha-human atrial natriuretic peptide. Eur J Pharmacol. 1988;147(1):49-57.

Caution: Product has not been fully validated for medical applications. For research use only.

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