



LKT Laboratories, Inc.

Atriopeptin III

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Product Information

Product ID A7072

CAS No.

Chemical Name

Synonym

Formula C₁₀₇H₁₆₅N₃₅O₃₄S₂

Formula Wt. 2549.85

Melting Point

Purity ≥95%

Solubility Soluble in water, acid.

H-Ser-Ser-Cys-Phe-Gly-Gly-Arg-Ile-Asp-Arg-Ile-Gly-Ala-Gln-Ser-Gly-Leu-Gly-Cys-Asn-Ser-Phe-Arg-Tyr-OH
(Disulfide Bridge Cys7-Cys23)

Product ID	Size
A7072	0.5 mg
A7072	1 mg
A7072	2.5 mg

Store Temp -20°C

Ship Temp Ambient

Description Atriopeptin III is an analog of atrial natriuretic peptide (ANP) that exhibits vasodilatory/hypotensive and diuretic activities. In rat kidneys, atriopeptin III increases the diameter of constricted afferent arterioles, decreasing blood pressure.

References Wang J, Shi P. Structure-function interrelation and clinical effect of atrial natriuretic peptide (ANP). *Chin Med J (Engl)*. 1995 Apr;108(4):255-8. PMID: 7789210.

Lanese DM, Yuan BH, Falk SA, et al. Effects of atriopeptin III on isolated rat afferent and efferent arterioles. *Am J Physiol*. 1991 Dec;261(6 Pt 2):F1102-9. PMID: 1661082.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.