



LKT Laboratories, Inc.

Auriculin A

Phone: 888-558-5227
651-644-8424
Fax: 888-558-7329
Email: getinfo@lktlabs.com
Web: lktlabs.com

Product Information

Product ID A8071

CAS No.

Chemical Name

Synonym

Formula $C_{104}H_{168}N_{38}O_{33}S_2$

Formula Wt. 2542.86

Melting Point

Purity $\geq 95\%$

Solubility Soluble in water, acid.

Store Temp -20°C

Ship Temp Ambient

Description Auriculin A is a synthetic form of atrial natriuretic peptide (ANP) that exhibits cardiomodulatory, vasodilatory/hypotensive, diuretic, and natriuretic activities. In vivo, auriculin A decreases mean blood pressure and increases perfusion pressure and sodium excretion.

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

Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
A8071	0.5 mg	\$290.00
A8071	1 mg	\$491.60
A8071	2.5 mg	\$869.50

References Emmeluth C, Eiken P, Johannessen AC, et al. Effects of atrial natriuretic peptides and furosemide in conscious dogs. Proc Soc Exp Biol Med. 1987 Oct;186(1):103-12. PMID: 2957698.

Volpe M, Cuocolo A, Vecchione F, et al. Vagal mediation of the effects of atrial natriuretic factor on blood pressure and arterial baroreflexes in the rabbit. Circ Res. 1987 May;60(5):747-55. PMID: 2954718.

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