



LKT Laboratories, Inc.

Argipressin Acetate

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

Product Information

Product ID A6827

CAS No. 113-79-1

Chemical Name

Synonym Argipressin, 8-Arginine-vasopressin, Pitressin

Formula C₄₆H₆₅N₁₅O₁₂S₂

Formula Wt. 1084.23

Melting Point

Purity ≥95%

Solubility Soluble in water (0.5 mg/mL).

C[Cys-Tyr-Phe-Gln-Asn-Cys]Pro-Arg-Gly-NH₂

Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
A6827	1 mg	\$98.00
A6827	5 mg	\$350.00

Store Temp -20° C

Ship Temp Ambient

Description Arginine vasopressin peptide (argipressin) is endogenously produced through activation of renin-angiotensin signaling pathways. Argipressin binds vasopressin V1a, V1b, and V2 receptors and exhibits pressor activity, increasing blood pressure. Argipressin induces vasoconstriction, smooth muscle contraction, and retention of water and sodium.

References Cao T, Feng Y. The (pro)renin receptor and body fluid homeostasis. *Am J Physiol Regul Integr Comp Physiol.* 2013 Jul 15;305(2):R104-6. PMID: 23678024.

Palazzuoli A, Ronco C. Cardio-renal syndrome: an entity cardiologists and nephrologists should be dealing with collegially. *Heart Fail Rev.* 2011 Nov;16(6):503-8. PMID: 21822604.

Ryckmans T. Modulation of the vasopressin system for the treatment of CNS diseases. *Curr Opin Drug Discov Devel.* 2010 Sep;13(5):538-47. PMID: 20812145.

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