



LKT Laboratories, Inc.

Angiotensin, dog/rat

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Product Information

Product ID A5272

CAS No.

Chemical Name

Synonym

Formula $C_{62}H_{89}N_{17}O_{14}$

Formula Wt. 1296.51

Melting Point

Purity $\geq 95\%$

Solubility Soluble in water.

Store Temp -20°C

Ship Temp Ambient

Description Angiotensin peptides exhibit pressor (vasoconstrictive) activity through binding of the angiotensin II type 1 (AT1) receptor, increasing blood pressure and volume. Angiotensin I (AT I) is a cleavage product of angiotensin and serves no primary biological purpose other than to function as a precursor to angiotensin II.

H-Asp-Arg-Val-Tyr-Ile-His-Pro-Phe-His-Leu-OH

Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
A5272	5 mg	\$88.10
A5272	10 mg	\$151.20
A5272	25 mg	\$264.70

References Moon JY. Recent Update of Renin-angiotensin-aldosterone System in the Pathogenesis of Hypertension. *Electrolyte Blood Press.* 2013 Dec;11(2):41-45. PMID: 24627703.

Herichova I, Szantoova K. Renin-angiotensin system: upgrade of recent knowledge and perspectives. *Endocr Regul.* 2013 Jan;47(1):39-52. PMID: 23363256.

Dupont AG, Brouwers S. Brain angiotensin peptides regulate sympathetic tone and blood pressure. *J Hypertens.* 2010 Aug;28(8):1599-610. PMID: 20502352.

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