



LKT Laboratories, Inc.

[Ile7]-Angiotensin III

Phone: 888-558-5227  
651-644-8424  
Fax: 888-558-7329  
Email: [getinfo@lktlabs.com](mailto:getinfo@lktlabs.com)  
Web: [lktlabs.com](http://lktlabs.com)

## Product Information

Product ID A5285

CAS No. 102029-49-2

Chemical Name

Synonym

Formula  $C_{43}H_{68}N_{12}O_9$

Formula Wt. 897.1

Melting Point

Purity  $\geq 95\%$

Solubility Soluble in water.

Store Temp  $-20^{\circ}C$

Ship Temp Ambient

**Description** Angiotensin III (AT III) is the smallest, least active peptide fragment of precursor angiotensinogen. AT III is produced by the degradation of AT II by angiotensinase. AT III has 40% of the vasoconstrictive pressor activity of AT II but increases aldosterone secretion and mean arterial pressure through activity at the AT II type 1 (AT1) receptor.

H-Arg-Val-Tyr-Ile-His-Pro-Ile-OH

## Pricing and Availability

*Bulk quantities available upon request*

Product ID	Size	List Price
A5285	1 mg	\$63.00
A5285	2 mg	\$107.00
A5285	5 mg	\$189.00

**References** Yugandhar VG, Clark MA. Angiotensin III: a physiological relevant peptide of the renin angiotensin system. *Peptides*. 2013 Aug;46:26-32. PMID: 23692861.

Yang R, Smolders I, Dupont AG. Blood pressure and renal hemodynamic effects of angiotensin fragments. *Hypertens Res*. 2011 Jun;34(6):674-83. PMID: 21412242.

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.