



LKT Laboratories, Inc.

A-779

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## Product Information

Product ID A0099

CAS No. 159432-28-7

Chemical Name

Synonym

Formula  $C_{39}H_{60}N_{12}O_{11}$

Formula Wt. 872.99

Melting Point

Purity  $\geq 95\%$

Solubility Soluble in water.

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

Ship Temp Ambient

**Description** A-779 is an inhibitor of the Mas receptor. On its own, A-779 has no biological activity; however, through binding the Mas receptor, it inhibits angiotensin (1-7) signaling (preventing vasodilation and insulin sensitization) and inhibits some downstream insulin signaling.

H-Asp-Arg-Val-Tyr-Ile-His-DAla-OH

**Bulk quantities available upon request**

Product ID	Size
A0099	1 mg
A0099	2 mg
A0099	5 mg

**References** Tao X, Fan J, Kao G, et al. Angiotensin-(1-7) attenuates angiotensin II-induced signaling associated with activation of a tyrosine phosphatase in Sprague-Dawley rats cardiac fibroblasts. *Biol Cell*. 2014 Mar 18. [Epub ahead of print]. PMID: 24641355.

Santos RA, Campagnole-Santos MJ, Baracho NC, et al. Characterization of a new angiotensin antagonist selective for angiotensin-(1-7): evidence that the actions of angiotensin-(1-7) are mediated by specific angiotensin receptors. *Brain Res Bull*. 1994;35(4):293-8. PMID: 7850477.

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