



LKT Laboratories, Inc.

[Arg8]-Vasotocin

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Product Information

Product ID V0275

CAS No.

Chemical Name

Synonym

Formula $C_{43}H_{67}N_{15}O_{12}S_2$

Formula Wt. 1050.23

Melting Point

Purity $\geq 95\%$

Solubility

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

Ship Temp Ambient

Description Vasotocin is a peptide that acts on vasotocin receptors and exhibits anorexigenic activity in vivo. Vasotocin decreases feeding behavior, increases stress responses, and induces courtship behavior in animal models. Vasotocin is a non-mammalian vasopressin-oxytocin analog. TEST!!!!!!

H-Cys-Tyr-Ile-Gln-Asn-Cys-
Pro-Arg-Gly-NH₂
(Disulfide bridge Cys₁-Cys₆)

Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
V0275	1 mg	\$63.00
V0275	2 mg	\$107.00
V0275	5 mg	\$189.00

References Gesto M, Soengas JL, Rodríguez-Illamola A, et al. Arginine vasotocin treatment induces a stress response and exerts a potent anorexigenic effect in rainbow trout, *Oncorhynchus mykiss*. J Neuroendocrinol. 2013 Dec 16. [Epub ahead of print]. PMID: 24341528.

Kim JK, Kim IH, Heo JH, et al. Arginine vasotocin (AVT) triggers courtship behavior without exposure to external stimuli and modulates the olfactory response of male *Hynobius leechii* salamanders. Zoolog Sci. 2013 Nov;30(11):929-37. PMID: 24199858.

Hasunuma I, Toyoda F, Okada R, et al. Roles of arginine vasotocin receptors in the brain and pituitary of submammalian vertebrates. Int Rev Cell Mol Biol. 2013;304:191-225. PMID: 23809437.

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