

[1,6-Aminosuberic acid]-arginine-Vasotocin

Cat. No.:	HY-P4011
CAS No.:	35375-13-4
Molecular Formula:	C ₄₅ H ₇₀ N ₁₄ O ₁₂
Molecular Weight:	999.12
Sequence Shortening:	YIQN-Asu-PRG-NH2 (Lactam:Tyr1-Asu5)
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	[1,6-Aminosuberic acid]-arginine-Vasotocin is a synthetic peptide analogue to neurohypophyseal hormones. [1,6-Aminosuberic acid]-arginine-Vasotocin has excitatory effect on the periodically oscillating neuron (PON) of <i>A. fulica</i> ^[1] .
In Vitro	[1,6-Aminosuberic acid]-arginine-Vasotocin (0.1 mg/L) shows a remarkable excitatory effect on periodically oscillating neurone (PON). But it (0.2 mg/L) has no effect on tonically antoactive neurone (TAN) ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Takeuchi H, et al. Effects of three synthetic peptides analogous to neurophophyseal hormones on the excitability of giant neurones of *Achatina fulica* Férussac. *Experientia*. 1976 Dec 15;32(12):1554-6.

Caution: Product has not been fully validated for medical applications. For research use only.

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