

## [Arg8]-Vasotocin TFA

Cat. No.:	HY-P1574A		
Molecular Formula:	C <sub>45</sub> H <sub>68</sub> F <sub>3</sub> N <sub>15</sub> O <sub>14</sub> S <sub>2</sub>		
Molecular Weight:	1164.24		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-80°C	2 years
		-20°C	1 year
	In solvent	-80°C	6 months
		-20°C	1 month

### BIOLOGICAL ACTIVITY

<b>Description</b>	[Arg8]-Vasotocin (TFA) is a vertebrate neurohypophyseal peptide of the vasopressin/oxytocin hormone family <sup>[1]</sup> .
<b>In Vitro</b>	[Arg8]-Vasotocin occurs throughout the vertebrate phyla, being present in primitive fish, the cyclostomes, and remaining unchanged in vertebrates up to and including birds <sup>[1]</sup> .  [Arg8]-Vasotocin excites neurones in the dorsal vagal complex in vitro <sup>[2]</sup> .

### REFERENCES

- [1]. Ingram CD, et al [Arg8]vasotocin excites neurones in the dorsal vagal complex in vitro: evidence for an action through novel class(es) of CNS receptors. *J Neuroendocrinol.* 1994 Aug;6(4):415-22.
- [2]. Mihai R, et al. The effects of [Arg8]vasotocin on the firing rate of suprachiasmatic neurons in vitro. *Neuroscience.* 1994 Oct;62(3):783-92.

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

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