

Val9-Oxytocin

Cat. No.:	HY-P4994
CAS No.:	1021701-88-1
Molecular Formula:	C ₄₆ H ₇₂ N ₁₂ O ₁₂ S ₂
Molecular Weight:	1049.27
Sequence:	Cys-Tyr-Ile-Gln-Asn-Cys-Pro-Leu-Val-NH ₂ (Disulfide bridge: Cys1-Cys6)
Sequence Shortening:	CYIQNCPLV-NH ₂ (Disulfide bridge: Cys1-Cys6)
Target:	Vasopressin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Val9-Oxytocin is a full antagonist of vasopressin (V _{1a}) receptor. Val9-Oxytocin is an analog of Oxytocin (HY-17571A) in which changing Gly9 to Val9 ^[1] .
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REFERENCES

[1]. Dutertre S, et, al. Conopressin-T from *Conus tulipa* reveals an antagonist switch in vasopressin-like peptides. *J Biol Chem*. 2008 Mar 14;283(11):7100-8.

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

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