

(Phe2,Orn8)-Oxytocin

Cat. No.:	HY-P4678
CAS No.:	2480-41-3
Molecular Formula:	C ₄₂ H ₆₅ N ₁₃ O ₁₁ S ₂
Molecular Weight:	992.18
Sequence:	Cys-Phe-Ile-Gln-Asn-Cys-Pro-{Orn}-Gly-NH ₂ (Disulfide bridge: Cys1-Cys6)
Sequence Shortening:	CFIQNCP-{Orn}-G-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	(Phe2,Orn8)-Oxytocin is a selective V1 vasopressin agonist. (Phe2,Orn8)-Oxytocin induces a sustained contractility of rabbit epididymis with EC ₅₀ value of 280 nM ^[1] .
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REFERENCES

[1]. Sandra Filippi, et al. Estrogens, But Not Androgens, Regulate Expression and Functional Activity of Oxytocin Receptor in Rabbit Epididymis. *Endocrinology*. 2002, 4271-4280.

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

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