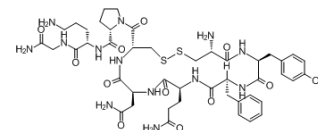


Ornipressin

Cat. No.:	HY-P0083		
CAS No.:	3397-23-7		
Molecular Formula:	C ₄₅ H ₆₃ N ₁₃ O ₁₂ S ₂		
Molecular Weight:	1042.19		
Sequence:	Cys-Tyr-Phe-Gln-Asn-Cys-Pro-{Orn}-Gly-NH ₂ (Disulfide bridge: Cys1-Cys6)		
Sequence Shortening:	CYFQNCP-{Orn}-G-NH ₂ (Disulfide bridge: Cys1-Cys6)		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-80°C	2 years
		-20°C	1 year
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

H₂O : ≥ 100 mg/mL (95.95 mM)

* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
	Concentration				
	1 mM		0.9595 mL	4.7976 mL	9.5952 mL
	5 mM		0.1919 mL	0.9595 mL	1.9190 mL
	10 mM		0.0960 mL	0.4798 mL	0.9595 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Ornipressin is a potent vasoconstrictor, hemostatic and renal agent.

REFERENCES

- [1]. Fruhstorfer H, et al. Dose-response relation of ornipressin with regard to vasoconstriction in human skin. *Br J Anaesth.* 1994 Aug;73(2):220-4.
- [2]. De Kock M, et al. Ornipressin (Por 8): An efficient alternative to counteract hypotension during combined general/epidural anesthesia. *Anesth Analg.* 2000 Jun;90(6):1301-7.

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

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