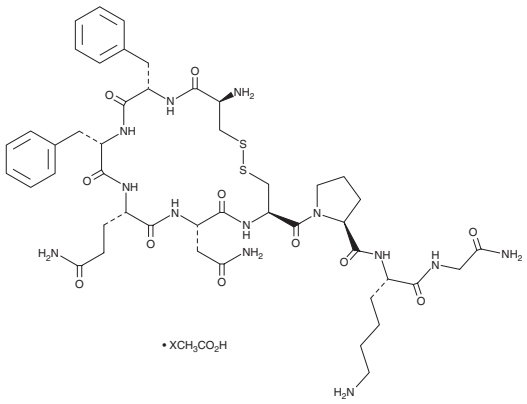
PRODUCT INFORMATION

Felypressin (acetate)

Item No. 46201



CAS Registry No.:	56-59-7
Formal Name:	2-L-phenylalanine-8-L-lysine-vasopressin
Synonyms:	cyclo(Cys-Phe-Phe-Gln-Asn-Cys)-Pro-Lys-Gly-NH_2, [Phe^2]-LVP, [Phe^2]-Lypressin, [Phe^2]-Lysipressin, [Phe^2,Lys^8]-AVP, [Phe^2,Lys^8]-Vasopressin
Peptide Sequence:	(CFFQNC)PKG-NH_2
MF:	$C_{46}H_{65}N_{13}O_{11}S_2 \bullet XC_2H_4O_2$
FW:	1,040.2
Purity:	≥98%
Supplied as:	A solid
Storage:	-20°C
Stability:	≥4 years

Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

Felypressin (acetate) is supplied as a solid. Aqueous solutions of felypressin (acetate) can be prepared by directly dissolving the solid in aqueous buffers. Felypressin (acetate) is soluble (≥10 mg/ml) in PBS (pH 7.2). We do not recommend storing the aqueous solution for more than one day.

Description

Felypressin is a peptide arginine vasopressin (AVP) V_{1A} receptor agonist and derivative of lysipressin (Item No. 37430).[1] It is a vasoconstrictor that induces the pressor response in rats at 240 ng/kg, an effect that can be reversed by a V_{1A} receptor antagonist. Felypressin increases blood pressure but does not affect heart rate in normotensive rats, hypertensive rats, or hypertensive rats administered atenolol.[2] Formulations containing felypressin have been used in combination with local anesthetics for dental procedures.

References

1. Cecanho, R., De Luca, L.A., Jr., and Ranali, J. Cardiovascular effects of felypressin. *Anesth. Prog.* **53(4)**, 119-125 (2006).
2. Fleury, C.A., Andreo, V.C., Lomba, P.C., *et al.* Comparison of epinephrine and felypressin pressure effects in 1K1C hypertensive rats treated or not with atenolol. *J. Anesth.* **29(1)**, 56-64 (2015).

WARNING
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent *via* email to your institution.

WARRANTY AND LIMITATION OF REMEDY
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