

Name	Felypressin Acetate
Cat #	PP-1260
Size	1 g, 10 g, 100, g and bulk custom packages
CAS#	56-59-7
Mol. Mass	1040.22
Formula	C ₄₆ H ₆₅ N ₁₃ O ₁₁ S ₂
Sequence	Cys-Phe-Phe-Gln-Asn-Cys-Pro-Lys-Gly-NH ₂
Purity	>95%

Felypressin is a non-catecholamine vasoconstrictor that is chemically related to vasopressin, the posterior pituitary hormone. It is added to some local anaesthetics such as prilocaine in a concentration of 0.003 i.u./ml. Felypressin is a V₁ agonist, and will thus have effects at all V₁ receptors. It will, however, have its main physiological effects on vascular SMC's due to the form in which it is administered.

V₁ receptors are found in various sites around the body. The major points include the CNS, Liver, Anterior Pituitary, Muscle (both vascular and non-vascular smooth muscle), and Platelets (CLAMP).

Another example of a V₁ agonist is terlipressin - which is used in oesophageal varices.

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