

Name	Lypressin
Cat #	PP-1480
Size	1 g, 10 g, 100, g and bulk custom packages
CAS#	50-57-7
Mol. Mass	1056.22
Formula	C ₄₆ H ₆₅ N ₁₃ O ₁₂ S ₂
Sequence	Cys-Tyr-Phe-Gln-Asn-Cys-Pro-Lys-Gly-NH ₂
Purity	>95%

One of the most important roles of AVP is to regulate the body's retention of water; it is released when the body is dehydrated and causes the kidneys to conserve water, thus concentrating the urine, and reducing urine volume. In high concentrations, it also raises blood pressure by inducing moderate vasoconstriction. In addition, it has a variety of neurological effects on the brain, having been found, for example, to influence pair-bonding in voles.

A very similar substance, lysine vasopressin (LVP) or lypressin, has the same function in pigs and is often used in human therapy.

Lypressin is a hormone used to prevent or control the frequent urination, increased thirst, and loss of water associated with diabetes insipidus (water diabetes).