

## Lysipressin Acetate Peptide

Ref: PTX-OS-50-57-7-28

**Warning: this product is intended as a research product only. It is sold strictly for laboratory research purposes only but not for human use. They are not medicinal products and it can be harmful if ingested. Bodily introduction of any kind into humans or animals is strictly forbidden by law.**

### OVERVIEW

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<b>SIZE</b>	1g	<b>SYNONYMS</b>
<b>CAS</b>	50-57-7	Lypressin, (8-Lysine)vasopressin, Diapid, Pitressin, Postacton,
<b>MOLECULAR FORMULA</b>	C <sub>46</sub> H <sub>65</sub> N <sub>13</sub> O <sub>12</sub> S <sub>2</sub>	Syntopressin, Vasophsyin,
<b>MOLECULAR WEIGHT</b>	1056,22	

### PRODUCT INFORMATION

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<b>SEQUENCE</b>	C[Cys-Tyr-Phe-Gln-Asn-Cys]-Pro-Lys-Gly-NH <sub>2</sub>
<b>FORMAT</b>	White powder
<b>PURITY</b>	0,9799999999999998
<b>BACKGROUND INFORMATION</b>	Lysipressin Acetate is a pressor peptide and an analog of Vasopressin isolated from marsupials and pigs that binds to VP receptors, which are analogous to human Vasopressin 2 receptors. It is a strong vasopressor used to modulate blood pressure. An endogenous antidiuretic hormone in the majority of mammalian species. It is released into the blood from nerve terminals in the posterior pituitary and median eminence. It is a neurotransmitter in the central nervous system and also involved in multiples physiological processes such as regulating water balance by antidiuretic action.

**For research use only.**

## APPLICATIONS AND STORAGE

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<b>RESEARCH AREA</b>	Cardiovascular agents
<b>APPLICATIONS</b>	Diabetes insipidus treatment, improve vasomotor tone and blood pressure, regulates water, glucose, and salts in blood
<b>STORAGE CONDITIONS</b>	A cool(-20°C) & dry place protected from light, keep package close when not in use.