



LKT Laboratories, Inc.

## Lysipressin Acetate

Phone: 888-558-5227  
651-644-8424  
Fax: 888-558-7329  
Email: [getinfo@lctlabs.com](mailto:getinfo@lctlabs.com)  
Web: [lctlabs.com](http://lctlabs.com)

### Product Information

**Product ID** L9880

**CAS No.** 50-57-7

C[Cys-Tyr-Phe-Gln-Asn-Cys]-Pro-  
Lys-Gly-NH<sub>2</sub>

**Chemical Name**

**Synonym** Lypressin, (8-Lysine)vasopressin, Diapid, Pitressin, Postacton, Syntopressin, Vasophsin

**Formula** C<sub>46</sub>H<sub>65</sub>N<sub>13</sub>O<sub>12</sub>S<sub>2</sub>

**Formula Wt.** 1056.22

**Melting Point**

**Purity** ≥95%

**Solubility** Soluble in 0.1 M acetic acid (20 mg/mL), water (0.9 mg/mL).

**Bulk quantities available upon request**

Product ID	Size
L9880	1 mg
L9880	5 mg

**Store Temp** -20° C

**Ship Temp** Ambient

**Description** Lysipressin is a pressor peptide found in marsupials and pigs that binds to VP receptors, which are analogous to human Vasopressin 2 (V2) receptors. Lysipressin induces contractions in smooth muscle and potentiates effects of gastric lesioning in animal models.

**References** László F, Karácsony G, Pávó I, et al. Aggressive role of vasopressin in development of different gastric lesions in rats. *Eur J Pharmacol.* 1994 Jun 2;258(1-2):15-22. PMID: 7925594.

Gorbulev V, Büchner H, Akhundova A, et al. Molecular cloning and functional characterization of V2 [8-lysine] vasopressin and oxytocin receptors from a pig kidney cell line. *Eur J Biochem.* 1993 Jul 1;215(1):1-7. PMID: 8393786.

Crankshaw D. [Arg8]vasopressin-induced contractions of rabbit urinary bladder smooth muscle. *Eur J Pharmacol.* 1989 Dec 7;173(2-3):183-8. PMID: 2625135.

Acher R, Chauvet J. Structure, processing and evolution of the neurohypophysial hormone-neurophysin precursors. *Biochimie.* 1988 Sep;70(9):1197-207. PMID: 3147712.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.