

Synthetic Lypressin

Catalog No.	CRL119A	Quantity:	5 mg
	CRL119B		25 mg
	CRL119C		100 mg

Description: Lypressin is a hormone used to prevent or control the frequent urination, increased thirst, and loss of water associated with diabetes insipidus (water diabetes). The CAS Number is: 50-57-7.

Physical Appearance: Sterile Filtered White lyophilized (freeze-dried) powder.

Molecular Weight: 1056.2 Dalton

Formulation: The protein (1 mg/ml) was lyophilized with no additives.

Purity: Greater than 98.0% as determined by:
(a) Analysis by RP-HPLC.
(b) Analysis by SDS-PAGE.

Molecular Formula: C₄₆H₆₅N₁₃O₁₂S₂

Amino Acid Sequence: Cys-Tyr-Phe-Gln-Asn-Cys-Pro-Lys-Gly-NH₂.

Reconstitution: It is recommended to reconstitute the lyophilized Lypressin in sterile 18 MΩ-cm H₂O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions. Lypressin is also soluble in 1% Acetic Acid

Storage & Stability: Lyophilized Lypressin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Lypressin should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).
Please prevent freeze-thaw cycles.

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