

32-2051: Lypressin

Description

Source : Lypressin is a hormone used to prevent or control the frequent urination, increased thirst, and loss of water associated with diabetes insipidus (water diabetes). Its molecular weight is 1056.2 Dalton having an amino acid sequence of Cys-Tyr-Phe-Gln-Asn-Cys-Pro-Lys-Gly-NH₂. The Molecular Formula is: C₄₆H₆₅N₁₃O₁₂S₂. The CAS Number is: 50-57-7.

Product Info

Amount :	25 mg
Purification :	Greater than 98.0% as determined by(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Content :	The protein (1 mg/ml) was lyophilized with no additives.
Storage condition :	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.

Application Note

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