

Lypressin

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). 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.

Catalog #:HOPS-285

For research use only.

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

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

Formulation:

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

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Solubility:

It is recommended to reconstitute the lyophilized Lypressin in sterile 18M-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.

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