

Lypressin - Purified

Catalog No.: AR10246PU-S

Quantity: 5 mg

Source: Synthetic

Format: **State:** Sterile Filtered White lyophilized (freeze-dried) powder without additives
Purity: >98.0% as determined by RP-HPLC and SDS-PAGE analysis
Reconstitution: Restore in sterile 18MΩ-cm⁻¹ 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.

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).

Molecular Formula: C₄₆H₆₅N₁₃O₁₂S₂

CAS Number: 50-57-7

AA Sequence:

Cys-Tyr-Phe-Gln-Asn-Cys-Pro-Lys-Gly-NH₂

Molecular weight: 1056.2 Da

Storage: Prior to reconstitution store at RT for one month or desiccated below -18°C.
Following reconstitution store undiluted at 2-8°C for one month
or (in aliquots) at -20°C for longer.
For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.