

Lypressin - Purified

Catalog No.:	AR10246PU-L
Quantity:	0.1 g
Source:	Synthetic
Format:	<p>State: Sterile Filtered White lyophilized (freeze-dried) powder without additives</p> <p>Purity: >98.0% as determined by RP-HPLC and SDS-PAGE analysis</p> <p>Reconstitution: Restore in sterile 18MΩ-cm⁻¹ H₂O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.</p> <p>Lypressin is also soluble in 1% Acetic Acid.</p>
Description:	<p>Lypressin is a hormone used to prevent or control the frequent urination, increased thirst, and loss of water associated with diabetes insipidus (water diabetes).</p> <p>Molecular Formula: C₄₆H₆₅N₁₃O₁₂S₂</p> <p>CAS Number: 50-57-7</p> <p>AA Sequence: Cys-Tyr-Phe-Gln-Asn-Cys-Pro-Lys-Gly-NH₂</p> <p>Molecular weight: 1056.2 Da</p>
Storage:	<p>Prior to reconstitution store at RT for one month or desiccated below -18°C.</p> <p>Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.</p> <p>For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).</p> <p>Avoid repeated freezing and thawing.</p> <p>Shelf life: one year from despatch.</p>