
Product Data Sheet

Product Name: DDAVP
Cat. No.: GP21237
Batch No.: 1

Product Data

Purity	>98%	Source	
Physical Appearance	solid	Shipping Condition	Shipped at Room temp.

Solubility It is recommended to reconstitute the lyophilized DDAVP in sterile 18MΩ-cm H₂O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Formulation The Desmopressin peptide was lyophilized with no additives.

Introduction

Desmopressin is the first vasopressin analog with a very high and very specific antidiuretic effect, has been widely used for different therapeutic purposes and is believed to be partly responsible for the formation of memories learning and memory processes. Desmopressin increases urine concentration and decreases urine production. Desmopressin is used to prevent and control excessive thirst, urination, and dehydration.

Stability

Lyophilized Desmopressin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C . Upon reconstitution DDAVP 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.

Background

Desmopressin also called ADH (Anti-Diuretic Hormone) has a molecular formula of C₄₆H₆₄N₁₄O₁₂S₂ , Mpr-Tyr-Phe-Gln-Asn-Cys-Pro-D-Arg-Gly-NH₂ having a Mw of 1069.23 Dalton.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA