**Product Information**

**[Arg₈]-Vasopressin acetate salt**

Catalog Number **V9879**  
Storage Temperature –20 °C

**CAS RN 113-79-1**

**Product Description**  
Molecular Formula: C₄₆H₆₅N₁₅O₁₂S₂  
Molecular Weight: 1084

[Arg₈]-Vasopressin is involved in diuresis, vasoregulation, thermoregulation, and memory. This product is known as an antidiuretic hormone. Vasopressin also affects rat renal medullary Na⁺/K⁺-ATPase by arginine vasopressin mediation through the V2 receptor.² Vasopressin is also reported to act as a central nervous system neurotransmitter.³

**Precautions and Disclaimer**  
This product is for R&D use only, not for drug, household, or other uses. Please consult the Safety Data Sheet for information regarding hazards and safe handling practices.

**Preparation Instructions**  
This product is soluble in water (20 mg/ml).

**Storage/Stability**  
Aqueous solutions intended for long term storage need to be either lyophilized or frozen in single-use aliquots. Avoid drying the solution in a Speed-Vac. The heat produced may destroy the vasopressin activity and the product will be a dry paste rather than a powder.

To protect the disulfide bridge, a solution preparation of vasopressin (Catalog Number V0377) is in 0.9% NaCl at pH 3.5, and contains 0.5% chlorobutanol as a preservative.

**References**