[Arg⁸]-Vasopressin acetate salt

Product Number V9879
Storage Temperature -20 °C

Product Description
Molecular Formula: C₄₆H₆₅N₁₅O₁₂S₂
Molecular Weight: 1084 
CAS Number: 113-79-1

[Arg⁸]-Vasopressin is involved in diuresis, vasoregulation, thermoregulation, and memory. This product is known as a diuretic hormone.¹ 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
For Laboratory Use Only. Not for drug, household or other uses.

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, Sigma’s solution of vasopressin (Product No. V 0377) is in 0.9% NaCl at pH 3.5, and contains 0.5% chlorobutanol as a preservative.

References