
Arg-vasopressin Peptide

Subcategory: Synthetic Peptide

Cat. No.: 350151

Unit: 1 mg

Description:

Arg-vasopressin is a neurohypophysial hormone found in most mammals, which corresponds to aa21-28 of vasopressin-neurophysin 2-copeptin (AVP-NP11). Vasopressin has a direct antidiuretic action on the kidney and also causes vasoconstriction of the peripheral vessels. Defects in AVP-NP11 are the cause of autosomal dominant and recessive neurohypophyseal diabetes insipidus (ADNDI and ARNDI).

Format: Each vial contains 1 mg of lyophilized solid packaged under an inert gas and supplied as a trifluoroacetate salt.

Alternate Names: Arg-vasopressin; vasopressin-neurophysin 2-copeptin; AVP-NP11; AVP; ARVP; VP; Arg8-vasopressin; [Arg8]-vasopressin

Accession No.: P01185

MW: 1084.23 g/mol

Sequence: H-Cys-Tyr-Phe-Gln-Asn-Cys-Pro-Arg-Gly-NH₂ (Cys1-Cys6) or H-CYFQNCPRG-NH₂ (Cys1-Cys6)

Composition: C₄₆H₆₅N₁₅O₁₂S₂

Purity: Purity > 95% by HPLC

Solubility: Distilled water for a solution up to 2 mg/ml, otherwise we recommend using acetonitrile.

Storage: Store at -20°C. The product is hygroscopic and must be protected from light. Product is guaranteed one year from the date of shipment. Following reconstitution, aliquot and store at -20°C.

For research use only, not for diagnostic or therapeutic procedures.