
[Val5] Angiotensin II Peptide

Subcategory: Synthetic Peptide

Cat. No.: 350452

Unit: 10 mg

Description:

Angiotensin II is the physiologically active form and regulates both the volume and the mineral balance in the body through vasoconstriction, aldosterone release, sodium uptake and thirst stimulation. Angiotensin II is a natural ligand for angiotensin II type 1 receptors. [Val5] Angiotensin II peptide is an angiotensin II analog that is an agonist for AT1 angiotensin receptors.

Format: Each vial contains 10 mg of lyophilized solid packaged under an inert gas and supplied as a trifluoroacetate salt.

Alternate Names: Val5 Angiotensin II; Angiotensin-2; Angiotensin II; Ang II; Angiotensinogen, Serpin A8

Accession No.: P01019

MW: 1032.18 g/mol

Sequence: H-Asp-Arg-Val-Tyr-Val-His-Pro-Phe-OH or H-DRVYVHPF-OH

Composition: C₄₉H₆₉N₁₃O₁₂

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.